

ESSENTIAL KNOWLEDGE SHEETS CURRICULUM BOOK

Supportive Supportive

YEAR 7 BOOK 1

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To make the most of your essential knowledge book, you must:

- Bring it to school every day and have it available on your desk in every lesson.
- Keep all your essential knowledge sheet books as they provide you with the essential knowledge for each topic and subject you learn.
- 3. Take pride in your book, keeping it in excellent condition.
- 4. Write your name on the front of the book.
- 5. Be aware that if you lose or damage your book it is your responsibility to replace it at a cost of £4.

What is an Essential Knowledge Book?

An effective learning tool to help you retain, revise and retrieve the essential knowledge of a topic within your subjects. The Essential Knowledge Sheet for each topic is usually no more than two sides of information that includes core facts, concepts, diagrams, vocabulary and quotations that you need to know and understand to master a topic.

Why Essential Knowledge Sheets?

They provide you, your teachers and parents/carers with an overview of a topic by having the core knowledge, diagrams, explanations and key terms in one place. They allow you to routinely refer to and 'check off' what you know and understand as you are taught a topic.

Research evidence shows that the regular retrieval of knowledge helps us to know more, remember more and do more. This then allows you to store knowledge in, and recall it from your long-term memory, freeing up space in your working memory to take in new knowledge and information. The better you know the essential knowledge of a subject, the better you will be able apply to it to problems, questions, assessments, home learning, and further increase your independence within lessons and at home

How to use your Essential Knowledge Sheets

The most powerful use of an Essential Knowledge Sheet is as a selfquizzing tool. For example:

1. READ \rightarrow COVER \rightarrow WRITE \rightarrow CHECK \rightarrow QUIZ

Read a chunk of information from your essential knowledge sheet (more than once is most effective), Cover it up, Write what you remember, Check to see if you have remembered the information correctly. If you haven't remembered it all correctly then re-do the process. When you are confident in your retention of the knowledge, quiz yourself (or ask a friend or family member) to see if you can apply the knowledge learned to questions, problems and practice tasks.

2. Mind Maps

Mind mapping is a diagram to visually represent information. It is a graphic technique you can use to translate what you know of a topic/concept into a visual picture. Use knowledge learned from your Essential Knowledge Sheet to create mind maps. Make sure to use colours and images and keep writing to a minimum. This technique embeds essential knowledge into your long-term memory.

3. Flash Cards

Use your Essential Knowledge Sheets to create flash cards. Write the question/key term on one side and the answer/definition on the other. Most importantly you need to quiz yourself on each question/key term until you can remember them all correctly.

4. Revision Clock

Start by drawing a basic clock face. Break your Essential Knowledge Sheet into 12 sub-categories. Make notes from your Essential Knowledge Sheet in each section of the revision clock. Your brain will retain more information if you include images as well as key words and definitions. Read and Revise each section for 5 minutes, turn the clock over and then try to write out as much information as you can from one of the 12 sections on the revision clock. Repeat the process until you are confident in your learning of the essential knowledge on the revision clock.

Key Words Definition Composition Composition is the way in which objects are put together or arranged. For example, you might paint a picture of a basket of apples and position the basket slightly off-centre on the canvas. That is a compositional choice. Perhaps you are painting a still life of objects on a table. The way you choose to arrange those objects in your final piece is the composition. Layout refers to the arrangement of elements on a page - the Layout specific position of the different elements. Good layout enhances the look of the particular object and the objects as a whole piece of design in order to create a strong composition. Proportion Proportion refers to the relationships between height, width and depth. How proportion is used will affect how realistic or stylised something seems. Proportion is how the sizes of different parts of a piece of Art or Design relate to each other. Line A line is an identifiable path created by a point moving in space. It is one-dimensional and can vary in width, direction and length. Line defines the edges of a form, these lines can be horizontal, vertical, diagonal, straight or curved thick or thin. Tone Tone refers to the lightness or darkness of the colours used. Artists use light and dark colours to create a mood or emotion. Tone can also be used to make something look three-dimensional, for example, on the face, darker tones around the chin, nose and eyes; lighter tones on forehead, nose and cheeks will help create depth. Shading Shading refers to the lines and marks used in drawings and paintings to show the different degrees of light and dark. By pressing on harder or lighter it is possible to create a range of tones. Cross-Hatching Cross-Hatching is a method of line drawing that shows light and shadows by drawing two or more sets of lines that cross one another. Shape Shape is a outline of an object created through lines, texture and colour. Shapes can play an important role in art. They help to create

complex drawings and paintings, affect composition, and contribute to the balance within a work. Shape is a two-dimensional area.

Composition Layout Line Proportion Tone Shading

Cross-Hatching

Shape

Examples

During the project you will be introduced to new terminology you may not understand straight away.

The purpose of the Essential Knowledge Sheet is to allow you to clarify any terminology throughout the project.

	Keyword	Definition	Support Question
3A	User Guide	A user guide is a set of instructions which are followed to achieve an end goal.	Can you give 3 examples of items that would require a user guide? 1. Phone 2. Washing Machine 3. TV
6B	Operators	Operators are the symbols used in online equations in MS Excel. These include + - / * .	Write a formula to divide D2 by A1 =D2/A1
6B	House Style	House style means the way a product is presented, thinking about colours and styles.	What aspects of design come under the term house style? Background colour Colours of text Style of text Font of text
7A	Keyword Operators	These are used in MS Excel to write an equation to find the maximum, minimum, average and sum of cells.	Write a formula to add up cells B2 to C14 =sum(B2:C14)
7B	Boolean Search	This allows you to narrow an internet search down by using keywords AND, NOT and OR. Search words must be placed in "speech marks".	What keywords are used in a Boolean Search? AND NOT OR
9A	Date	This is to indicate the day, month and year in a letter.	Where should the date be placed in a letter? This is placed on the left side of the page above the person the letter is addressed too.
10B	Email Subject	This gives the receiver of the email information what the email content will be about.	Why is an email subject important? Gives information about the email content without opening the email.

What do I do in Microsoft Excel?



Merges cells



Add borders around cells



Changes the number in the cell to a currency



Adds an up to date and time

What do I do in Microsoft Word?



Centres the text



Changes the case (upper and lower case)



Creates a graph



Changes the cells colour

12B - Research Activity

Using your independent research skills, you are to complete the table below finding definitions for the types of cyberbullying. The first one has been done for you as an example.

Туре	Definition
Flaming	Online fights involving angry and rude comments that take place through emails, instant messaging or chat rooms.
Denigration	Putting mean online messages through email, instant messaging, chat rooms, or websites set up to make fun of someone.
Exclusion	Intentionally leaving someone out of a group such as instant messaging, friend sites, or other online group activities.
Outing	Sharing secrets about someone online including private information, pictures, and videos.
Trickery	Tricking someone into revealing personal information then sharing it with others.
Impersonation	Pretending to be someone else when sending or posting mean or false messages online.
Harassment	Repeatedly sending malicious messages to someone online.
Cyberstalking	Electronically "following" someone and sending them targeted messages with the intention of scaring, harming or intimidating them.

Consequences of Cyberbullying Low confidence Punishment at home and school Damaging a persons reputation Suicide Staying away from school Drop in school progress Feel vulnerable and powerless



Products phic Grai

Tools and Equipment

Cutting Mat Self healing, Non-slip cutting surface. Used to prevent work surfaces getting damaged and scalpel blades becoming

blunt.

Scalpel A hardened steel blade used for cutting papers and

boards. It can cut internal corners unlike scissors, however takes more skill.

Safety Ruler This ruler has a raised edge for cutting along. This is for safety as it helps to prevent a sharp blade slipping and

cutting the user.

Scissors A cost effective and widely available cutting method. Products and prototypes can be guickly cut and tested.

Pencil The pencil is probably the most commonly used drawing tool. The B range indicates blackness, the H range

indicates hardness.



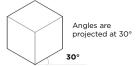
Isometric Drawing

Isometric projections are commonly used by engineers in technical drawings and illustrations and sometimes by architects. Early video games such as SimCity used isometric projection.

Line Weighting Enhances a drawing to make it appear more realistic.

Line Weighting An edge that is connected to two visible faces stays thin.

Line Weighting An edge that is connected to only one visible face becomes thick.



Name **Properties**

Copier 80 GSM. Paper · Thin.

- · Lightweight.
- Inexpensive. 120-150 GSM. Creamy white.
- Smooth but has a slightly textured surface.

Completely opaque (no light passes through).

 Accepts most drawing media - paints, as well as pens and pencil.

Description

· Bright white paper.

uncoated surface.

· Smooth bleached

· Smooth surface texture.

Applications

- · Writing.
- Sketching and drawing.
- Office and admin work.
- Photocopying.
- · Painting.
- · Mixed-media design and art work.

Advantages

- · Takes colour well (highly printable). Good surface for pencils, pens and
- markers Available in a range of colours.
- · Can be used with water colours without buckling (waviness caused by water).

Disadvantages

- · Can be prone to jamming printers.
- More expensive than copier paper.
- · Translucency allows underneath image to be seen for copying.
- · Has low absorbency (this means ink can smudge easily).
- More expensive than copier paper.
- Can be expensive compared to other boards

Tracing Paper

Solid

White

Board

Cartridge

Paper

- 60-90 GSM. Strong.
- Translucent.
- Rigid board. Excellent printing surface.
- Smooth texture.
- · Made from pure.
- bleached wood pulp. · Bright white colour
- conveys quality.
- Book covers.

Overlavs.

Food packaging.

Making copies.

- Strong. Rigid.
 - · Accepts ink well.

Adhesives

Glue Stick A quick method of bonding papers and boards. They are easy to apply, however they are not as strong as other glues. meaning edges can lift over time. Longer setting time means that materials can be moved before they are dry.

Double Sided Tape

Tapes keep the surface of the materials dry, this prevents any warping. Instant adhesion speeds up the time taken to assemble a model or product. No setting time means that care and attention is needed when assembling. There is also no risk of spilling the adhesive tape.

Properties of Papers and Boards

Flexibility The amount a material bends when a force is applied. If a paper doesn't flex it will jam printer mechanisms.

Printability

The ability to accept ink onto its surface. If a paper is too absorbent, the printed image will not appear crisp, it will look blurred and blotchy.

Biodegradability

The ability to accept ink onto its surface. If a paper is too absorbent, the printed image will not appear crisp, it will look blurred and blotchy.

Resistant

Materia

Health & Safety

Design & Technology involves a lot of practical work, some of which involves significant risks. Therefore, it is vital to implement safe working practices to ensure a positive health and safety culture.

Safety in the Workshop

Rooms must be clean, tidy and in a safe condition. Workstations should be clean and clear of excess materials and tools. After use, tools and materials should be stored correctly, with blades and sharp edges protected. Floors should be clear of obstructions and trip hazards, such as bags and scrap off-cuts.

Clothing and Protective Equipment

Ensure you have no loose clothing; tie back long hair, remove loose iewellery; and tuck in ties and apron

Hazardous materials: Wear an apron or overalls, goggles and the correct gloves.

Hot materials: Wear an apron and the correct gloves: a face shield is required for some jobs.

Dust: Wear a face mask and safety goggles. Ensure there is adequate extraction.

Machine Tools

Do not use machine tools with permission or training. It is important to understand:

- · The design of the machine and the names of the main parts.
- How to set up the machine and use guards, running speeds and cutter settings.
- · How to use the machine safely (learn where the emergency stop button is located).
- · Keep machines and guards clean and in good condition, and never touch moving parts. If a machine has a dust extractor, ensure it is running when in use.

Hand Tools

Perform practical work standing up and ensure materials are held securely in place using the appropriate holding device, usually a vice or a clamp. Use the correct tools and technique for the job and materials used. Carry tools with their cutting edges pointing down, and return them to their racks when not in use.

Properties

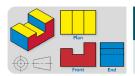
Timbers Different types of wood have varying properties (e.g. strength, hardness, durability) that make them suited for different purposes and commercial products. In addition to considering the properties of wood, designers must also consider how easy the materials are to manufacture.

Metals

Metals have varying properties (e.g. strength, hardness. toughness, malleability) that make them suited for different purposes and commercial products. However, as well as considering the properties of the product it is also important to consider cost, availability and the environment.

Working Drawings (Orthographic Projection)

Orthographic projection is used to depict 3D objects as a set of 2D drawings. It shows the front view, plan view and end view drawn to scale, and measurements are given in millimetres. A third angle orthographic projection is shown below:

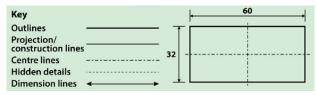


The plan view is drawn at the top, the front view is directly below this and the end view is positioned next to the front view.

Orthographic drawings are often used in manufacturing because they provide detailed information about the design.

Orthographic Drawing Conventions

For clarity, lines and dimensions must conform to British Standards.



Timbers, Metals & Polymers: Shaping & Forming

Wood, metals and polymers can be shaped and formed through cutting, abrasion and addition using a variety of tools, equipment and processes,

Tenon Saw

Cutting - Wood, metals and polymers can be cut to size with a variety of tools.

Rip Saw/Cross-Cut Saw



Rip saws are used to cut parallel to the grain, whereas cross-cut saws are used to cut against the grain. **Used to cut wood.**

1

Cuts accurate straight lines in small pieces of wood and provides a smooth cut.

Hacksaw

Has a hard, high-carbon steel blade so it can cut through metal; also available in a junior size for smaller cuts. **Used to cut metal and plastic.**



Coping Saw

Can cut intricate curves in thin materials but is difficult to control; has a blade that can snap easily. Used to cut wood and plastic.

When cutting materials, follow the steps outlined below.

- 1: Secure the material with a clamp, or by placing it in a vice to prevent it from moving while the material is being cut.
- 2: Make a mark in the material you want to cut by dragging the saw backwards a few times; this will provide you with a guide to start sawing.

Used to cut wood.

- 3: Use the full length of the blade when sawing, and don't press down too hard. Let the blade do the work!
- 4: When coming to the end of the cut, support the end piece to stop it from falling off and spoiling the cut.



Chiselling

Chisels are used to cut or shape wood (special types are also used to cut or shape stone and metal). They are long-bladed, bevel-edged hand tools that are struck with a hammer or mallet to remove material. Chiselling involves forcing the blade into the target material to carve or cut it.

Safety tip: When chiselling, ensure that the blade is sharp and that the wood is securely held in place.

Planing, Sanding & Filing

Materials can be shaped through planing, filing and sanding.



Planing

Planing is used to shape and smooth material (usually wood). It involves shaving off thin layers of the material until the desired shape and feel are achieved.

Manual hand planers and electric planers are available. Electric planers are quick and require much less effort than manual hand planers, but they are not as accurate.



Sanding

Sanding involves rubbing an abrasive paper against the surface of the material to shape and smooth it. It can be performed by hand or using machines.

Sandpaper is available in different grades. Coarse paper is ideal for heavy sanding and stripping. Conversely, extremely fine sandpaper is used for smoothing a surface and removing small imperfections.

Different versions, such as wet and dry paper, are also available for different materials. This type of sandpaper is ideal for removing paint from painted metal and wood.



Belt Sander

This is a powerful machine used to smooth wood, metals and plastics more quickly and effectively than hand sanding. It contains a motor that drives a pair of drums on which a belt of abrasive paper is held.



Disc Sander

This is a machine that has a powered disc of abrasive paper that is spun at high speed. It smooths surfaces and removes old finishes (e.g. paint) when wood, metals or plastics are pressed up against it.

Safety tip: Sanders create a lot of dust, so dust extractors must be switched on to reduce the risk of fire and inhalation. Goggles must also be worn to protect the eyes, and fingers should be kept away from abrasive materials on power sanders.



Filing

Files have a serrated (toothed) surface so when they are rubbed over a material, some of the target material is removed. They can be used on a variety of materials and are available in different forms.

Files with larger teeth remove more material than those with smaller teeth, which are better suited for smoothing.

The Design & Manufacturing Specifications

Turn sewing machines

off when not in use

Tie hair

back

Keep your

work area tidy

Place bags in

the bag store

The main purpose of developing a new product is to solve a problem, thus satisfying a want or need. To ensure a new product is capable of this, it must go through a series of stages.

Sew slowly to ensure

you are in control

Keep fingers away

from the needle

Health and Safety

Design Brief

Once a problem or an idea has been identified, a design brief needs to be put together. This is a statement of intent that addresses how the product will solve the problem and satisfy a want or need. It also acts as a point of reference for the client and designer.

The design brief will usually contain a description of:

- · Budget.
- What the product should do (function).
- Target market.
- How the product should look (aesthetics).
- Timescale
- · Why the product is needed.

The design brief can be as simple or as complex as the client wishes. However, the best design briefs have plenty of detail to inform and guide the design process. At this stage, the important thing is to outline what is needed rather than how the item will be produced.

The design specification is shaped through research and product analysis. It expands upon the design brief with specific details and

The specification document should answer the following questions:

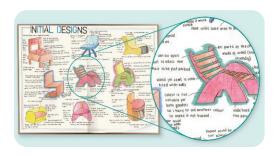
Having measurable specifications, such as weight and size dimensions, allows the product to be tested against the outlined requirements throughout the design process.

Annotated Drawings

Annotations are used to describe, explain or specify certain aspects of a design. For example, labels can be added to show sizes, materials, processes, weights and tolerances.

Annotations show good use of planning, decision-making and development in the design process.

Annotations can communicate in simple terms the designer's view about a certain aspect of the design. They can also be used to note how the design fulfils criteria within the specification.



Textiles

Natural Fibres

Natural fibres come from biological sources (plants and animals). They are renewable and biodegradable.

Name
Cotton
Sourced from
the cotton
plant.
Wool
Sourced from
animal fleece

Image

Properties

Uses

Strong, highly absorbent and cool to wear in hot weather. It is also easy to dye and wash. However, it creases easily, can shrink and is flammable

Clothing. upholstery and towels.

(mainly sheep)



Soft, warm and absorbent. It is also crease-resistant and has low flammability. However, it can shrink and takes a long time to dry.

Jumpers. rugs, blankets. coats, carpets.

Silk

Sourced from silkworm cocoons.



Lightweight, smooth and soft. It has a lustre due to its fibre's triangular structure. However, it is expensive, weak when wet and creases easily.

Dresses. ties, soft furnishinas and upholstery.

leggings,

underwear.

Synthetic Fibres

Synthetic fibres are polymers manufactured from chemical sources or fossil fuels. Therefore, most synthetic fibres are not sustainable or biodegradable.

Name	Image	Properties	Uses
Polyester		Strong and durable with low flammability. It is also non- absorbent and resistant to creases and biological damage. However, it is not very warm.	Sportswear, raincoats, bedsheets, rope, bedding.
Polyamide (nylon)		Lightweight but strong and hard- wearing. It is also crease-resistant, warm and non-absorbent. However, it is easily damaged by sunlight.	Ropes, sportswear, tights, swimwear.
Elastane (Lycra [®])		Smooth, strong and very stretchy (elastic). It keeps its shape well and	Sportswear, swimwear,

highly flammable.

is crease resistant. However, it is

Cutting and Shearing

There are a range of tools available for cutting and shearing fabrics.



Fabric Shears

Also known as dressmaking scissors, these have long, sharp blades to cut fabric quickly and neatly.



Pinking Shears

These have serrated blades that are used to cut a zigzag edge into certain fabrics to stop them from fraying.



Embroidery Scissors

These have short, sharp blades that are suited to delicate work such as cutting threads. The blades are slightly curved to prevent them from piercing the fabric.



Seam Rippers

These have a small, forked blade that is used to unpick seams. The prongs help to grip tight threads to that the blade can cut them.

RAMA

Teamwork means enjoying working together

What makes an excellent freeze frame? (levels, stillness, focus, expression, contact,

dynamics, shapes)

Techniques Angel Devil Pause Play Pause Multi Role Choral Speech

What kind of character is Big Bad Bun? Games, trust and team building activities

Techniques Shared narration Devisina Line learning

Playing a character Moving/thinking in character. Reactions. Relationships

Line learning

Big Bad Bun Essential Vocabulary

Actor Person on stage performing.

Character The person in the story the actor pretends to be - e.g.

Hermione is a heroic character in Harry Potter.

Characterisation To pretend to be another personality, person using acting

skill, insight, and creativity. Modern actors often play

Being Creative

several characters in the same play.

Creative Skills A complex and brilliant set of skills mixing intelligence and

imagination with other people and tasks.

Devising Making up a scene or story with others.

How actors show specific emotions using body, face and **Expressing emotions**

movement. Everyone expresses a huge range of emotions.

Freeze Frames A still image of a point in the story, a character or location

made of the performers in interesting shapes.

Multi-role The actor plays more than one character, or narrator.

Actors can also play elements of a picture or objects/

moods

Rehearsal Skills Where actors use time to develop, explore and improve

> their scene. They might practice, try things, add detail, change parts, memorise work, and improve their vocal and

movement skills.

Actions and Reactions Action - what one character does

Reaction - how another responds.

Story Theatre Non-naturalistic, very physical theatre using the whole

team, choral speech, actions, comedy and movement to

tell a story.

Teamwork Skills Working as a company with

> communication, creative and fantastic group skills awareness as a team.

Shared Narration Speaking in unison with accuracy and

and Choral Speech expression.

Unison Moving or talking together in a

synchronised way.

Non-Verbal Everything we convey through Communication movement, stillness, gesture and

expression.

Transitions The sections linking freezes, Ideally

these are in unison, quick and creative.

Angel Devil A technique to show a character's

internal conflict.

Pause-Play-Pause A technique to bring a moment to life

between freeze frames.



Actors and characters Shakespearean rom-com: Midsummer Night's Dream • Love • Mischief

Magic

How can actors convey complex emotions? Rehearsal Skills
Physical
theatre
Actions
Interpretation

Audience understanding Non verbal communication Transitions between ensemble images Performance skills • Line security

• Literacy
• Emotions

Characters
 Relationships

Midsummer Night's Dream Essential Vocabulary

Line Learning A collection of strategies we use to actively learn lines with repetition, social learning and home

learning.

Themes The central idea or message explored by a

play e.g. Big Bad Bun explores choices and

consequences.

Romantic Comedy A rom-com explores the search for love as a

series of comic problems that need to be solved

(MND/Love, Actually).

Interpretation How individuals see a character or story. For

example, how David Walliams plays Bottom is

different to how Pearce Quigley does!

Relationships How a character interacts with other characters,

and the audience.

Physical Theatre Theatre where movement is key at creating

meaning.

Performance Skills These skills include how actors use their voice,

their bodies, their faces, their understanding and

their energy and effort.

Literacy How well an actor can 'read' scripts, stories and

emotions.

Dialogue Speech between two or more characters in a play.

Imagery This is how actors create the images of love, fun

and magic in the woods in Midsummer Night's

Dream.

Macbeth Essential Vocabulary

Tragedy A serious work with an unhappy ending.

Protagonist Main character.

Antagonist Adversary of the main character.

Anti-Hero Main character who lacks convention heroic qualities.

Chorus A chorus comments on the action. They narrate, argue,

warn, agree, encourage, and talk to the audience. They can

represent lots of points of view.

Inner Conflict Struggle in the mind of a protagonist.

Exploring Character Exercises that help us understand character better.

Supernatural Forces beyond rational understanding - ghosts, witches,

vampires.

Power Ability to control events or people, status or leadership.

Audience The people who watch the show.

Staging How the stage is set out and what is on it.

Ensemble The team of actors working closely together.

Symbols and Images that have deeper meanings in art and drama e.g.

Representation red represents blood and danger, a dove is a symbol of

peace.

Plot Summary

- 1. Ebenezer Scrooge is at work in his counting house. Despite the Christmas Eve cold, he refuses to spend money on coals for the fire. Scrooge turns down his nephew's (Fred) invitation to his Christmas party and the request of two men who want money for charity.
- 2. Scrooge is visited by the ghost of his dead partner, Jacob Marley. He tells Scrooge that he is having to wander the earth in heavy chains because he has been greedy in life. He warns Scrooge that he will have to do the same if he doesn't change his ways. He tells Scrooge that three spirits will visit him during the next three nights. Scrooge falls asleep.
- 3. He wakes, and the Ghost of Christmas Past takes Scrooge into the past. Invisible to those he watches, Scrooge revisits his childhood school days, his apprenticeship with a jolly merchant named Fezziwig, and his engagement to Belle. She leaves Scrooge as he loves money too much to love another human being. Scrooge sheds tears of regret before being returned to his bed.
- 4. The Ghost of Christmas Present shows Scrooge Christmas as it will happen that year. Scrooge watches the Cratchit family eat a tiny meal in their little home. He sees Bob Cratchit's crippled son, Tiny Tim, whose kindness and humility warm Scrooge's heart. The spectre shows Scrooge his nephew's Christmas party. Scrooge asks the spirit to stay until the very end. As the end of the day approaches, the ghost shows Scrooge two starved children, Ignorance and Want. He vanishes as Scrooge notices a dark, hooded figure coming.
- 5. The Ghost of Christmas Yet to Come takes Scrooge through a sequence of scenes linked to an unnamed man's death. Scrooge is keen to learn the lesson. He begs to know the name of the dead man. He finds himself in a churchyard with the spirit pointing to a grave. Scrooge looks at the headstone and is shocked to read his own name. He is desperate to change his fate and promises to change his ways. He suddenly finds himself safely tucked in his bed.
- 6. Scrooge rushes out onto the street hoping to share his new-found Christmas spirit. He sends a turkey to the Cratchit house and goes to Fred's party, As the years go by, he continues to celebrate Christmas with all his heart. He treats Tiny Tim as if he were his own child, gives gifts for the poor and is kind, generous and warm.

Key Characters

Ebenezer Scrooge – A selfish businessman who transforms into a charitable philanthropist.

Fred - Scrooge's nephew whose party invitation he declines.

Jacob Marley – Scrooge's dead partner who returns as a ghost to warn Scrooge to change his ways.

Bob Cratchit - Scrooge's clerk who doesn't have much money. He loves his family and is shown to be happy and morally upright.

Tiny Tim - Bob's ill son whose story plays a part in inspiring Scrooge's transformation.

Mrs. Cratchit - Bob's wife.

The Ghost of Christmas Past – A strange combination of young and old, wearing white robes and looking like a candle.

The Ghost of Christmas Present - A portly, jovial gentleman surrounded by a warm glow. He brings joy to the needlest townsfolk.

The Ghost of Christmas Yet to Come - A robed and hooded spirit who confronts Scrooge with his own tombstone.

Fezziwig - The man Scrooge apprenticed under and who is the antithesis to Scrooge.

Belle - A woman who Scrooge was in love with who left him due to his greed.

Fan - Scrooge's sister.

Historical Context

In the 19th century there was a **huge increase in population**; 3 times more people lived in Great Britain at the end of the century than at the beginning.

Lack of employment led to exploitation of the workers - low wages, seasonal work, and long hours, etc.

Child labour - children were forced to work so they could contribute to the family income. Work was dangerous - long hours & unsafe working conditions. Jobs included: chimney sweeps, errand boys, working down the coal mines, selling matches or flowers, retrieving equipment from underneath dangerous machinery in factories, to name a few.

Slum housing and overcrowding - meant unsanitary living conditions so disease was rife.

Street children - children were either thrown out of their homes or they ran away due to cruel treatment and therefore ended up living on the streets. In 1848, a report suggested that over 30,000 children were homeless in London.

Lack of healthcare and welfare – mortality rates were high due to lack of medical care for the poorer members of society. Often people starved to death because there was no financial support if they couldn't work.

Workhouses - the Poor Law Amendment Act of 1834, ensured that no able-bodied person could get poor relief unless they went to live in special workhouses. The idea was that the poor were helped to support themselves. They had to work for their food and accommodation.

Christmas - a Christian celebration of the birth of Christ, though it also encompasses Greek, Roman and pagan traditions of giving gifts and feasting around the Winter Solstice. It is a time when families and friends come together to share food and exchange gifts.

Key Themes

- Greed
- Poverty & Suffering
- Class
- IsolationFamily
- Guilt
- Redemption
- Social Responsibility
- The supernatural

Key Quotes

"Oh! But he was a tight-fisted hand at the grindstone, Scrooge...a squeezing, wrenching, grasping, scraping, clutching, covetous old sinner! Hard and sharp as flint, from which no steel had ever struck out generous fire; secret, and self-contained, and solitary as an oyster."

"He carried his own low temperature always about with him; he iced his office in the dog-days; and didn't thaw it one degree at Christmas."

"Humbug"

"Darkness is cheap, and Scrooge liked it."

"I am as giddy as a drunken man. A merry Christmas to everybody!"

Analytical Language

Dickens presents Scrooge as...

The use of [insert technique] suggests/implies...

This is effective because

This creates the effect of...

This creates a sense of...

During the 19th century, life was...

Perhaps Dickens was trying to convey the message that...

This links to the theme of [insert theme] because...

The theme of [insert theme] is explored through...

Techniques

- Allegory
- The sublime
- · Gothic features
- Motifs
- Analepsis
- Omniscient
- Morality tale
- Ambiguity
- Malthusian

Vocabulary

Gothic - Stoker uses conventions of Gothic fiction.

Pathetic fallacy – Stoker uses pathetic fallacy (in the forms of weather and setting) to reflect the emotion of the characters and text. It often creates a sense of foreboding.

Supernatural - The use of vampires and other forms of the supernatural in the text challenges and disturbs the audience.

Motif - The repeated motifs and symbols in the play represent key ideas

Asylum - Dr Seward works at the local asylum.

Barbarism - Dracula's acts have been described as barbaric.

Gallant - Jonathan is gallant at the end of the play.

Patriarchal - Readers argue that the play highlights a patriarchal society.

Ferocious - Dracula is a ferocious beast.

Sublime - The landscapes in the play are sublime.

Genre - Dracula is written in the Gothic genre.

Settings:

- Transylvania
- England
- · The Westenra house
- Whitby
- The shipwreck
- · Castle Dracula
- Budapest

Form: A Play

All the **characters** names are in capital letters, to make them clear.

All **stage directions** are in brackets and italics, these tell us how the characters move, act or behave.

When an **ellipsis** is used (...) you must allow that break in the speech.

Use **punctuation** correctly when reading. If there is a question mark (?), read it in a questioning tone.

Symbolism: The use of signs or objects to represent something else.

Dialogue: Speech or conversation between characters.

Context:

Bram Stoker was born in Dublin. Ireland, in 1847. Vampire legends have been a part of popular folklore in many parts of the world since ancient times. Throughout the Middle Ages and even into the modern era, reports of corpses rising from the dead with supernatural powers achieved widespread credence. The Dracula family is based on a real fifteenth-century family. Its most famous member Vlad the Impaler, was a brilliant and notoriously savage general who impaled his enemies on long spikes. Stoker uses conventions of Gothic fiction, a genre that was extremely popular in the early nineteenth century. Gothic fiction traditionally includes elements such as gloomy castles, sublime landscapes, and innocent maidens threatened by ineffable evil. Stoker modernises this tradition in his novel, however, moving from the conventional setting of Dracula's ruined castle into the bustle of modern England.

Plot

The play tells the story of (vampire) Dracula's attempt to move from Transylvania to England so that he may find new blood.

Jonathan Harker, a young English lawyer, travels to **Castle Dracula** in the Eastern European country of **Transylvania**- to conclude a real estate transaction with a nobleman named Count Dracula.

As Jonathan travels the local people warn him about his **Castle Dracula**, giving him charms against evil and uttering strange words that Harker later translates into "**vampire**". **Harker** finds that the elderly Dracula is a well educated and hospitable gentleman. After only a few days, however, Harker realises that he is effectively a **prisoner** in the castle.

Meanwhile, in England, Harker's fiancée, Mina Murray, writes to her friend Lucy Westenra. Lucy has received marriage proposals from three men—Dr. John Seward, Arthur Holmwood, and an American named Quincey Morris. Lucy accepts Holmwood's proposal. Mina visits Lucy in the town of Whitby. A ship is wrecked on the shore near the town with all its crew missing and its captain dead. The only sign of life aboard is a large dog that runs ashore and disappears into the countryside. We think the dog might be Dracula in animal form.

One night, Mina finds sees a dark figure with **red eves** bending over Lucy. Lucy becomes pale and ill, and she has two red marks at her throat and suffers from a terrible fever. One night a wolf breaks into the Westenra house. The shock gives Lucy's mother a fatal heart attack and the wolf attacks Lucy, killing her. After Lucy's death, Van Helsing leads Holmwood, Seward, and Quincey to her tomb. Van Helsing convinces the men that Lucy belongs to the "Un-Dead"-she has been transformed into a vampire like Dracula. They see Lucy attacking a child. Holmwood plunges a stake through her heart to destroy her. Mina is attacked by Dracula and begins the slow change into a vampire, Eventually they catch up with Dracula, Jonathan and Quincev manage to destroy him.

Key Characters

Dracula - the antagonist and titular character. He is a vampire.

Jonathan Harker - a young lawyer to travels to meet Dracula in Transylvania

Dr. John Seward - A young doctor who works at the local asylum

Arthur Holmwood - one of the men who proposes to Lucy Quincey Morris - An American who proposes to Lucy

Lucy Westenra - Mina's friend who is attached by Dracula and turned into a vampire.

Mina Murray (later Harker) – The fiancé of Jonathan, she is attacked by Dracula.

Renfield - A patient from the asylum.

Van Helsing - A professor. Dr John Seward is his student.

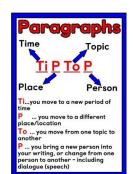


Descriptive Techniques	Definition	Usage	Key Words	Definition
Adjective	A describing word.	The eerie churchyard	Pallid	Pale in colour, typically related to an ill/dead person's colour.
Adverb	A word that describes an action (verb).	Silently, he moved	Fearful	Feeling, or showing, fear. Showing you're scared.
Simile	Comparing something to something else using 'like' or 'as'.	He crept along the path like a shadow	Macabre	Something strange/disturbing - connected with death.
Metaphor	Saying something IS something else.	We entered the upstairs room and the door slammed, leaving us trapped in the concrete coffin.	Ominous	Suggestion that something unpleasant will happen.
Personification	Giving non-human objects human characteristics.	The tree branches grabbed us	Trepidation	Feeling of fear that something bad will happen.
Imagery	Where the writer's words help to give the reader a picture in their head.	The gravestones stood out against the vibrant backdrop of delicate flowers	Shrouded	A body wrapped in a cloth for burial or hidden from view.
5 Senses	Describing what you can smell, see, hear, touch/feel, taste.	My fingers brushed the dusty ledge	Eerily	Strange or frightening manner.
Alliteration	Words which begin with the same	Ghastly groans grew in intensity	Ancient	Very old.



letter.

Aim to use a varied range of punctuation in your writing: full stop, question mark, comma, exclamation mark, apostrophe, ellipsis, brackets, colon, semi-



Use **TiPToP** to remind you when to begin a new one!

First Person

I, we, me, us, my/mine, our/ours

Second Person

You, your/yours

Third Person

He/his/him, she/her/hers, it/it's

Use the right pronouns for your chosen narrative. Always choose 1st or 3rd person for descriptive writing.

Soon we were hemmed in with trees, which in places arched right over the roadway till we passed as through a tunnel. And again, great frowning rocks guarded us boldly on either side. Though we were in shelter, we could hear the rising wind, for it moaned and whistled through the rocks, and the branches of the trees crashed together as we swept along. It grew colder and colder still, and fine, powdery snow began to fall, so that soon we and all around us were covered with a white blanket. The keen wind still carried the howling of the dogs, though this grew fainter as we went on our way. The baying of the wolves sounded nearer and nearer, as though they were closing round on us from every side. I grew dreadfully afraid, and the horses shared my fear. The driver, however, was not in the least disturbed. He kept turning his head to left and right, but I could not see anything through the darkness.

Highlight the devices used in the example text - use the techniques chart to help you.



Source: Public Health England in association with the Welsh government, Food Standards Scotland and the Food Standards Agency in Northern Irela

Provenance

Seasonality

Time of year when the harvest or flavour of a food is naturally at its peak

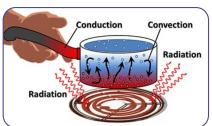
Food Miles

Distance travelled by food commodities from producer to consumer - farm to fork

Buy Local

Buying food that has been farmed or produced in local area, region or country.

Heat Transfer



Knife Safety

Bridge hold



Claw grip



Sensory Analysis

A way of evaluating food

The appearance of the food What it tastes like What it feels like What it smells like









Extreme

Key Words

Weather The state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness,

sunshine, wind, rain, etc.

Human effect This is something impacting humans e.g. a house being destroyed or people dying.

Physical/ environmental effect

This is something that impacts the natural environment e.g. rivers being polluted or 10m high waves.

Tropical storm

Also known as hurricanes, typhoons etc. are large, swirling storms with wind speeds of 74 mph or

Distribution Distribution refers to the way something is spread out or arranged over a geographic area.

Connective A word or phrase whose function is to link other parts of a sentence and create more complex

sentences.

Equator An imaginary line at 0° dividing the earth into the northern and southern hemispheres

Evaporation The process of turning a liquid into gas e.g. water vapour.

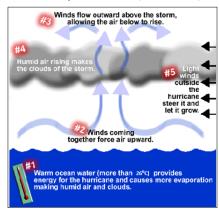
Saffir-Simpson Scale

A scale of 1 to 5 based on a hurricane's sustained wind speed. (5 being the highest).

Storm surge

The rising of the sea as a result of wind and atmospheric pressure changes associated with a storm or hurricane

How do tropical storms (hurricanes) form?



Hurricane Katrina Case Study

Human Effects Environmental/Physical Effects

1800 dead.

Dead bodies left to rot in the streets.

\$108 billion worth of damage.

Louis Armstrong International Airport

closed.

800,000 houses were destroyed.

Insurance companies have either raised the cost or stopped insuring homeowners in the area because of the high pay out costs.

Racial tensions were exposed as many of the victims were black African Americans.

Thousands of jobs disappeared due to the area being destroyed.

85% of New Orleans flooded.

11m high storm surge.

145mph winds.

Rivers and lakes were contaminated with sewage.

Flooding reached 6m high in places.

The lands that were lost were breeding grounds for marine mammals, brown pelicans, turtles and fish.

Hurricane Katrina was a category 4 storm.

The storm caused oil spills which resulted in over 26 million litres of oil being leaked.

Local Responses

33,500 people were rescued by the Coast Guard.

People searched for their loved ones amongst the flood waters and damaged buildings.

½ million people ordered to evacuate.

20,000 people were evacuated to the Superdome.

Regional/National Responses

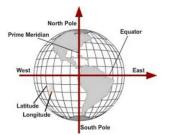
Spend \$20 billion on the levees to protect against a category 5.

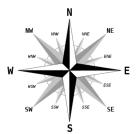
60,000 people moved over 1,200km away and were still there one month after the storm.

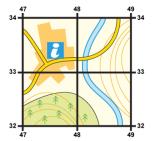
FEMA paid for temporary hotel costs of 12,000 individuals.

58,000 of the national guard were activated to deal with aftermaths of the storm.





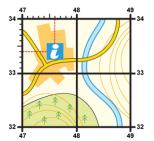




The tourist information office is in grid square 4733.

4 Figure Grid references: When you give a grid reference, always give the easting first: "Along the corridor and up the stairs"

- 1. Start at the left-hand side of the map and go east until you get to the bottom-left-hand corner of the square you want. Write this number down.
- 2. Move north until you get to the bottom-left corner of the square you want. Look at the number of this grid line and add it to the two-digit number you already have. This is your fourfigure grid reference.



The tourist information office is located at 476334

6 Figure Grid references:

- 1. First, find the four-figure grid reference but leave a space after the first two digits.
- 2. Estimate or measure how many tenths across the grid square your symbol lies. Write this number after the first two digits.
- 3. Next, estimate how many tenths up the grid square your symbol lies. Write this number after the last two digits.
- 4. You now have a six figure grid reference.

Key Words/ Key Concepts/ Processes

Definition

Physical Geography Is the study of the natural environment including processes and patterns in the natural environment

like the atmosphere, oceans and different

ecosystems.

Human Geography

Is the geography that deals with the world, people and their concerns, cultures and economies.

Continents

There are 7 continents. These are: Europe, South America, North America, Asia, Antarctica,

Australasia, Africa,

Latitude

Lines of latitude measure north-south position between the poles. The equator is defined as 0°, the North Pole is 90° north, and the South Pole

is 90° south of the equator.

Longitude

Imaginary lines going from the North pole to the

South pole.

Triangular Pillars/ **Tria Points**

Are triangles that show height in metres above sea

Spot Heights

Are Black/Brown dots that show exact height

above sea level in metres

Contour Lines

Are brown lines that join places of the same

elevation (height above sea level)

A Field Sketch -SNOT

Scale, Notes, Orientation, Title.

Scale

Is used to measure distance on a map. The most common Ordnance Survey maps use a 1:25,000 or

a 1:50.000 scale.

The Ordnance Survey (OS)

The OS are the national mapping agency for Great

Britain.

Northings and Eastings

A grid of squares helps the map-reader to locate a place. The vertical lines are called eastings. They are numbered - the numbers increase to the east. The horizontal lines are called northings as the numbers increase in a northerly direction.

Tourism

Key Words/ Key Concepts/ Processes

Definition

Tourism in the UK? Why stay in the UK? Easy travel, more affordable, may have a fear of flying.

Different types of holiday

Beach, skiing, horse riding, safari, cruise, city break etc.

National Parks

Are areas protected by the government, people live and work in National parks.

The Country Code

The concept used to protect our countryside e.g. keep dogs on a lead, shut gates behind you.

Tourism Advantages

Creates jobs, improves opportunities in the local area, supports economic development.

Tourism Disadvantages Can create litter, loss of culture in the area, creates environmental impacts.

Sustainable Tourism

Meeting the need of the present without reducing the ability of future generation to meet their own needs. It is good for the environment, good for local people and is long lasting.

Motorways

A road designed for fast traffic, with relatively few places for joining or leaving.

Conurbation

An extended urban area, typically consisting of several towns merging with a central city e.g. Manchester.

Recreation

An activity done for enjoyment e.g. walking, horse riding.

Range

Difference between the highest and lowest value.

Mean

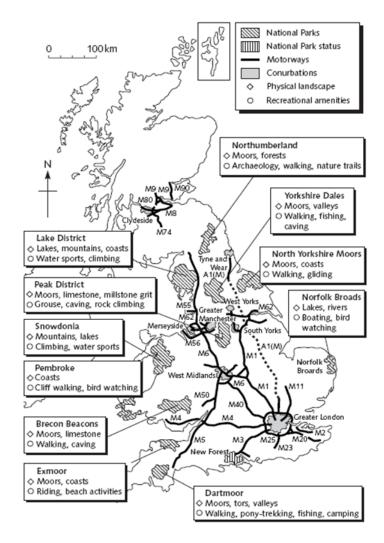
The average – add up all the data set and divide by the number of data.

Mode

The most common piece of data - the one that occurs the most

Median

The middle value - Put the data sets in order and identify the middle value.



Migration

Key Dates and Events You Should Know

800,000 BC First humans arrive on the land we

now called Britain.

500 BC Celts arrived from Europe.

AD 43-410 Romans arrive and rule for hundreds

of years.

AD 450 Arrival of the Angles and Saxons

from Denmark and Northern

Germany.

AD 800 First Viking raids begin. In 1016, a

Viking, Canute, becomes king of

England.

Normans from Northern France

invade and conquer England. First Jews arrive from Europe.

1290 Jews are pushed out of England and

are not allowed to return until 1656.

1572 Huguenots arrive from France after

they are persecuted in France.

1620 Puritans arrived in the USA from

England after they faced religious

persecution.

1845-52 A famine began in Ireland which led

to many migrating into other parts $% \left(1\right) =\left(1\right) \left(1$

of the UK.

1948 SS Empire Windrush arrives from

the West Indies with migrants from Jamaica, Trinidad and Tobago as a response to shortages of workers in

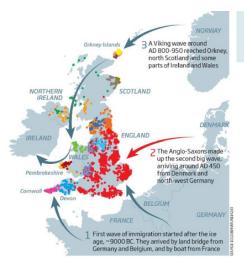
the UK.

2020 Net migration is just over

250,000.

Objective

To be able to describe some of the main groups of migrants of Britain, explain why they came and give some examples of the impact they have had.



Map Showing Early Invasions and Settlers in Britain

Key Historical Skills Covered in this Topic

Chronology

Ordering historical events.

Inference

Making conclusions from historical sources.

Interpretation

Identifying and comparing views on the past.

Explanation

Sharing your understanding using historical knowledge.

Key Words

Migration Groups of people leaving where they were born to live in another part

of the world.

Invade A military take over of another country.

Conquer Successfully taking over another country, usually by force.

Settlers Individuals who arrive in a new country and decide to stay.

Political The way a country is run and organised, including how laws are made.

Social Anything to do with the daily life of people, how they live, what they

believe in and how they communicate.

Economic Anything to do with money, this includes trade and business.

EOGRAPHY

Migration

Home Learning Project - Norman Motte and Bailey Castle

This will be an independent research project focusing on the features, use and impact of these structures. You will be required to use a range of evidence to complete this work.

This will be set by your class teacher on MS Teams.

There are two assessments within this topic.

Assessment 1 will focus on:

- Knowledge questions retrieving key skills e.g. centuries, keywords, events studied.
- The impact of Roman invasion.
- Why groups up to 1066 came to Britain.

Assessment 2 will focus on:

- Knowledge questions retrieving key skills e.g. centuries, keywords, events studied.
- · The impact of the Norman invasion.
- Features of castles (linked to your home learning project).

Overview: Why is Britain a nation of migrants?

Britain is an island that has always been a target for migration. For hundreds of thousands of years there were probably no humans in Britain at all, although there were animals—at that time Britain was still connected to Europe by a piece of land. Archaeologists believe that humans began arriving in Britain about half a million years ago when hunter gatherers arrived looking for food.

This type of migration continued with people moving backwards and forwards until about 2500BC when people came to use the tin reserves found in parts of the island to make bronze tools and weapons. Around 800BC people in Britain began to understand how to make Iron. These was called the Iron Age.

Over the next thousand years other tribes migrated to Britain, some peacefully and others with armies. The Celts arrived in 500BC from central Europe. These tribes fought each other for land and they built forts to protect the land they eventually claimed.

The Romans arrived from Italy in AD43 and over the next 400 years they conquered the tribes living in Britain and built towns and roads. They also had longer term effects on British language, food and religion.

After the Romans were forced to remove their army from Britain due to problems in their wider empire new migrants began to arrive from modern day Denmark and German. These groups were known as Angles, Saxons and Jutes. Today we call this group of migrants and settlers Anglo-Saxons. They gave our country its name 'Angle Land' which later has become England. These groups were mainly farmers looking for more land to grow their crops and raise animals. They brought new languages and religious ideas which over time mixed with earlier ideas.

In the late eighth century Vikings invaded the north of England raiding the area for its treasures. Over time though they saw that Britain had land and resources which could make them rich and so many settled and stayed in the area.

These early migrants were followed by the Normans in 1066 and more recently Jewish communities, the Huguenots, West Indian migration and groups of communities from southern and eastern Europe. As a result of this regular migration of peoples into and out of the country Britain is a mixture of languages, religions, culture and ideas.

What do I need to be able to do?

You should be able to:

- Understand properties of addition and subtraction.
- · Understand properties of multiplication and division.
- Use formal methods of addition and subtraction for integers.
- Use formal methods of multiplication and division for integers.
- · Add and subtract directed numbers.
- · Multiply and divide directed numbers.
- Understand and use order of operations with positive and negative integers.

Addition

Addition is commutative.



The order of addition doesn't change the result.

Formal Written Method



Remember the place value for each column!

Addition is associative.



6 + (3 + 4) = (6 + 3) + 4It doesn't matter how you group the numbers.

Models to Help with Addition

Number Lines



Bar Models



Part/Whole Diagrams



So we can say **26 + 50 = 76**

Key Words

Commutative Changing the order of operations does not change the result.

Associative When you add or multiply you can do so regardless of how the

numbers are grouped.

Inverse The operation that undoes what was done by the previous operation.

Subtract Taking away one number from another.

Negative A value less than zero.

Debit Money that leaves a bank account.

Credit Money that goes into a bank account.

Integer A whole number.

Operation A mathematical process.

Subtraction

Subtraction is **not commutative or associative.**

12 - 8 ≠ 8 - 12

When you subtract, **the** order must stay the same.

Formal Written Method

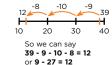


Remember 0 is a place holder!

2 0

Models to Help with Addition

Number Lines



Bar Models



So we can say 80 - 24 = 56 & 80 - 56 = 24

Part/Whole Diagrams



So we can say 43 - 21 = 22 & 43 - 22 = 21

Written Methods for Multiplication

Long Multiplication

	7	4	1
х	1	2	3
	2	4	7

Grid Method

X	200	40	7
3	600	120	21

Gelosia



Repeated Addition

	Н	Т	U	
	2	4	7	
+	2	4	7	
+	2	4	7	
	7	4	1	
	1	2		

Written Methods for Division

Short Division

Short Division (with Remainders)

Continue after the decimal point! If you start to get a repeating decimal, stop.

Long Division

This method relies on you being comfortable with multiples of your divisor (in this case, 6!),

Order of Operations



Example 1

So we need to evaluate the brackets first: $4 \times 7 = 28$

This is now 28 + 3 = 31

Example 2

$$(6 + 4 - 3)^2 \times 4$$

So we need to evaluate the brackets first and we work left to right; 6 + 4 - 3 = 7

This is now

Multiplication

'2 lots of -3' = -6

Think of this as the

negative of $2 \times -3 = 6$

2 x -3

-2 x -3

 $7^2 \times 4 = 49 \times 4 = 196$

Example 3

So first we do the multiplication/division left to right; 4 - 16 + 3

Now we do the addition/ subtraction from left to right: -12 + 3 = -9

Calculations with Directed Numbers

Addition

2 + -3

Remember; If I add a negative, I am adding something that will make it smaller, so it is the same as subtracting that number!

$$2 - 3 = -1$$

Generalisation: + - = -

Subtraction

2 - -3

Remember; If I subtract a negative, I am taking away the amount that was making it smaller, so it is the same as adding that number!

$$2 + 3 = 5$$

Generalisation:



Division

Remember that multiplication and division are inverse operations.

 $-6 \div 2 = -3$

E.g.
$$6 \div -3 = -2$$

Models to Help

It can be helpful to put calculations involving directed numbers into real life contexts. Think about temperate or bank accounts when unsure.



Pitch

∞

Rhythm

Symbol Name **Value How to Count** Semibreve 0 Minim 2 3 4 Crotchet 1 2 3 4 Counting Eighth Notes Quaver 1/2 Semiguaver 1/4 1 e & a 2 e & a 3 e & a 4 e & a

Try tapping out some of these rhythms while you count:



Pitch Visual

Representation

Low Pitch



Low Pitch Notes





High Pitch



High Pitch Notes



Low and **High Voices**

Acronym: SATB



Features

Bass, Cello, Tuba. Trombone use this clef.

There is an easy way to remember the lines and spaces:

Great Big Dogs Frighten Auntie.

All Cows Eat Grass.

Violin, clarinet, right hand piano.

Every Green Bus

This is the treble clef, sometimes called the G clef.

Description

This is the bass clef.

F clef

sometimes called the

The bass clef is used

to notate low pitch

instruments.

The treble clef is used There is an easy way to remember the to notate higher pitch lines and spaces: instruments.

Drives Fast. FACE.

voices range from low to high. Male voices are lower. female voices are higher.

Peoples singing

Soprano: Highest female voice.

Alto: High female voice.

Tenor: Mid-range male voice.

Bass: Low male voice.

Self-Test Questions

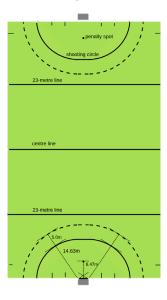
- 1. Which clef would a bass guitar use?
- 2. Which is the highest pitch female voice?
- 3. What does SATB stand for?
- 4. Which clef does higher sounding notes use?
- 5. A clarinet would use which clef?

Super Challenge Question

1. Which clef would a piano use?

Hockey

Pitch Markings



Key Rules/Fouls

Feet The ball cannot make contact with the feet at any

time.

Shooting Circle You must be inside this area

to shoot.

Non-Contact Contact with another player

cannot be made at any

time.

Obstruction Blocking the ball with your

body from an opponent.

Back Stick Only the flat side of the stick can be used to hit the

ball

Sticks You cannot hit another players stick with your own.

High Stick Stick cannot be above

the hip if another player is

Basic and Indian dribble.

around you.

Key Skills

Dribbling

Tackling Block, jab and reverse. Shooting Hit, push, flick and slap. Passing Hit, push, flick and slap. **Jockeying** Pushing towards the line.

Receiving the Ball Trapping and on the move. **Penalties Awarded**

Free Hit All players 5m away from

the ball. Can be a pass of

taken to yourself.

Penalty Corner Awarded when the

> defence commits a foul in the shooting circle or purposefully hits the ball over the back line.

Penalty Stroke

Awarded when a foul is committed which would have prevented an almost

certain goal.

Personal Skill Development

- Communication
- Teamwork.

Theoretical Links

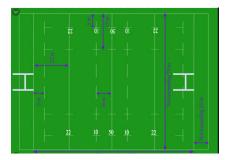
- · Importance of a warm up and its stages.
- · Importance of a cool down and its stages. Key muscles used and joint types.
- · Fartlek training.
- Components of fitness required for successful performance.

- · Improves cardiovascular endurance.
- Improved co-ordination.





Pitch Markings



Key Rules

- The game is played between two teams of thirteen players each.
- The game lasts for 80 minutes, with two halves of 40 minutes.
- · Each team is given six tackles for a chance to score.
- If a team doesn't score in this time then the ball is 'handed over' to the opposition.
- 4 points are awarded for a try, 2 for a conversion/penalty and 1 for a drop goal.
- The ball cannot be passed forwards.

Key Skills

- Passing: Able to pass to the left and the right.
- Tackling: Front, side, rear.
- Kicking: Defensive and attacking.
- · Playing the ball.
- Positional awareness.
- Scrum
- Playing to individual players strengths and opponents weaknesses.

Penalties Awarded For

- · Tackling a player who isn't in possession of the ball.
- · Tripping an opponent up.
- · Hitting an opponent with arm or fist.
- Kicking the ball when your opponent is trying to pick it up.
- Dangerous play, such as tackling your opponent above their shoulders
- Defenders not back in line with the referee (5 metres).

Personal Skill Development

- Communication
- · Teamwork.

Theoretical Links

- · Importance of a warm up/cool down.
- Different types of strength used and what training would be applicable to improving it.

- · Improves cardiovascular health.
- · Promotes positive mental well being.

Pitch Markings



This shows the position on the court that each netball player must start at for every centre pass.

Key Rules/Fouls

Held Ball You can hold the ball for a maximum of

seconds.

With another player cannot be made at anytime. Contact

Feet You cannot move with the ball.

Shooting Circle The shooters must be fully in the semi-circle to

shoot.

Positional Play You must stick to your positions areas of play on

court.

Obstruction You cannot be less than 0.90m/3ft away from

the player with the ball.

Centre Pass Must be received in the centre third.

Penalties Awarded

Free Pass For a player going out of their set playing areas/

centre pass not received in the centre third/

footwork.

Penalty Pass/Shot Awarded for contact or obstruction. The ball

> is given to the opponent and the infringing player stands at their side until the pass is made. Within the D it becomes a penalty pass or shot.

Sideline/Backline Passes

Ball given to the team that did not throw it out

of court

Key Skills

Footwork and One foot/two feet landing/pivoting.

Movement

Chest, shoulder, bounce, overhead. Passing

Attacking Dodging

Skills

Feint/single dodge and double dodge.

Signalling Receiving the ball.

Marking a Player Defending.

Interception Gaining possession.

Shooting Close/distance.

Rebounding Attacking/defending.

Personal Skill Development

- Communication
- Teamwork.
- Spacial awareness.

Theoretical Links

- · Short and long term effects of exercise on the body.
- · Feedback.
- Nutrition for a netballer and other sports performers.

- Improves cardiovascular fitness.
- Improves agility.
- · Improves balance.



Pitch Markings



Key Rules/Fouls

Handball	When a player other than the keeper handles the ball, or the keeper does outside of the area. Results in a free kick or a penalty depending on where this happens.
Goal Kick	Used to restart play if the ball is kicked out by the opposition beyond the goal line.
Offside	When an attacking playing receives the ball from a member of their team when they are closer to the opposing teams goal than any of the opposition (except the keeper).
Throw-In	Used to restart play when the ball has gone out of play on the sides of the pitch.
Direct Free Kick	Awarded for a foul that takes place outside of the box.
Indirect Free Kick	A foul inside the box but is not a penalty.
Corner Kick	This is awarded when the defending team

kicks the ball out behind their goal line.

Positions Goalkeeper

There is only one goalkeeper
on the field for each team.
Their main role is to defend
the goal and stop the other
team from scoring goals.
They can use their hands
while they are in the goal
area.

Defender These players play near their goalkeeper to help defend their goal.

A player who plays between the forwards and the defenders. They sometimes help defend, sometimes they help attack, though they spend most of the time in the

middle of the pitch.

she can be called a striker.

Forward An attacking player in a team.

When a forward has the main role of scoring goals, he or

Key Skills

Midfielder

Passing	Short side foot/long driven and lofted passes using laces.
Dribbling	Instep and outstep (both

feet).

Tackling Block, interception and slide.

Shooting Placement and power.

Control Selection of surfaces.

Personal Skill Development

- · Communication.
- · Teamwork.

Theoretical Links

- Importance of a warm up and its stages.
- Importance of a cool down and its stages. Key muscles used and joint types.
- · Fartlek training.

- Improves cardiovascular endurance.
- Improved coordination.

Components of Fitness

Strength The amount of force a muscle can exert against

a resistance.

Cardiovascular The ability of the heart, lungs and blood to

Fitness transport Oxygen.

Muscular The ability to use voluntary muscles repeatedly

Endurance without tiring.

Flexibility The range of movement at a joint.

Positional Play You must stick to your positions areas of play on

court.

Body Composition The percentage of the body that is fat, muscle

and bone.

Key Skills

Circuit Training An interval way of training.

Fartlek Training (Speed Play) Develops aerobic and anaerobic fitness.

Continuous

Develops Cardiovascular Fitness.

Training

Develops strength, speed and muscular

endurance.

Fitness Testing A way of gaining information about health and

skill related fitness.

Personal Skill Development

- · Mental resilience.
- Competitiveness (both individually & amongst others).
- · Determination.
- Intrinsic motivation.

Key Rules

- Always complete a thorough warm up which includes a pulse raiser, skill based practice, mental preparation and stretching.
- After exercising complete a sufficient cool down which allow a gradual reduction in intensity and stretching.
- Footwear and Clothing should be appropriate to the activity being completed.
- Prepare appropriate hydration, for use during the sessions.
- Ensure the environment and the area you are using are safe, taking into consideration things such as; weather and the ground you are training on.

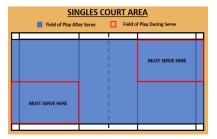
Theoretical Links

- · Health, fitness & exercise definitions.
- · Anatomy & physiology links.
- · Types of training.
- · Energy systems.
- · Principles of training.

- · Cardiovascular fitness.
- · Muscular strength/endurance.
- Improved mental health including mood, concentration and self esteem.



Court Markings



Key Rules/Fouls

- · A match consists of the best of 3 games of 21 points.
- · Every time there is a serve there is a point scored.
- The side winning a rally adds a point to its score.
- To score a point the shuttle must land on the opponents side inside the court.
- · If the shuttle lands on the line, it is in.
- If the shuttle hits the net you play on even on a serve. If it lands in, it is a point.
- If the shuttle is hit outside of the court area, it is the opponents point.
- Serving must be hit in an upwards direction with an underarm hitting action.
- · There are no second serves.

Personal Skill Development

- · Sportsmanship.
- · Intrinsic motivation.
- · Resilience.

Serving - LORE

- At the beginning of the game (0-0) and when the server's score is even, the server serves from the right service court.
- When the server's score is odd, the server serves from the left service court.
- · Left Odd Right Even.

Key Skills

Serving Short/long, flick serve (forehand/

backhand).

Overhead Clear, drop (forehand and

backhand).

Underarm Clear, drive, drop (forehand/

backhand).

Net Play Any shots performed close to the

net.

Smash An aggressive offensive shot played

to win the point by hitting the shuttle downwards at speed.

Theoretical Links

- · Interval training.
- · Energy systems.
- · Components of fitness power, agility, coordination.

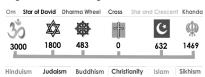
- Improves cardiovascular endurance.
- · Improves aerobic and anaerobic fitness.

World Religions

Introduction to World Religions

6 World Religions

There are six major world religions in the world today. They originated in the following order:



Monotheism

Religions which follow one God. Mono comes from the Greek term 'one' - for example, monobrow! Examples include: Judaism. Christianity, Islam and Sikhism.

Polytheism

Religions which follow more than one or multiple Gods, Examples include: Hinduism

Christianity and the Church

Christianity -**Key Facts:**

- · There are 12.8 billion Christians in the world.
- · Christianity was founded by Jesus.
- · Christian worship takes place in a Church.
- · Christians read the holy the Bible.
- · It is a monotheistic religion.

Church Meaning

- 1. The holy people of God who work together and believe God is with them to help and guide.
- 2. A building in which Christians worship.

Role of the Church

Many Churches lead counselling, food banks, education, study groups, etc. One major role is their commitment to charity and helping those in need.

Faith without Action is Dead

The Christian teaching that worshipping is not enough and that they should help those in society who are in need. E.g. homeless.

Judaism and Jerusalem

Judaism -**Key Facts:**

- · Judaism is the world's oldest religion.
- · There are 15 million followers, called Jews.
- · The holy book is the Torah.
- · Jews worship in the Temple.
- · The founder of Judaism is Abraham.
- · Jews refer to God as Yahweh.

Pilgrimage

A special journey made for religious reasons to a place of religious interest.

Pilgrimage to Jerusalem

Jews believe all of creation began in Jerusalem. There have been two special temples built here, but the first was destroyed. The only remaining part of the second is where many Jews visit the Western Wall. Here they bring special prayers and place them in the cracks of the wall, in the hope they will be heard by God.

Islam and Mecca

Islam - Key Facts:

- . There are 1.8 billion followers worldwide.
- · The place of worship the Mosque.
- · The Muslim Holy book is called the Qur'an.
- The Prophet Muhammad founded Islam.
- · Muslims call God Allah.
- Muslims follow the 5 pillars of Islam.
- · Islam is a monotheistic religion as they believe in one God.

Saudi Arabia

Islam began in Saudi Arabia. Here, the Prophet Muhammad received the word of Allah, which is found in the Qur'an. It is the Holiest place in Islam.

Hajj

Hajj is an annual Islamic pilgrimage to Mecca, a mandatory religious duty for Muslims that must be carried out at least once in their lifetime by all adult Muslims who are physically and financially capable.

Kaaba

A black stone building in Mecca that is shaped like a cube; it is the holiest place and symbolises belief in one God. Muslims everywhere face it when they pray by using a compass.

Ritual

A ceremony consisting of a series of actions performed according to a set order.

World Religions

Hinduism and the River Ganges

Vedas.

Hinduism -Key Facts:

- · Hinduism began in ancient India.
- There is no single founder in Hinduism.
- Hinduism is a polytheistic religion - 33 million Gods.
- All however worship one supreme being, Braham.
- · Hindu's worship in the Mandir.
- The holy texts are called the

River Ganges

The River is located between India and Bangladesh. It is over 2700km long.

Mother Ganga

Hindus regard the Ganges as not only a river but also a mother, a Goddess called Ganga.

Purification

In Hinduism it is considered holy to take a **pilgrimage** to the Ganges and bathe in it to purify a person's soul of all past sins, and cure illnesses.

Life and Death

Varanasi on the River Ganges is the most famous cremation site. Hindu's believe if you are cremated here, you will escape reincarnation (cycle of birth and rebirth) and achieve Moksha which is freedom and eternal peace.

Environment

Recently, the river has become polluted and raised lots of environmental concerns.

Buddhism and the Mahabodhi Temple

Buddhism -Key Facts:

- There are 376 million followers worldwide. Buddhist have no personal God, but follow the path of the Buddha (Siddhartha Gautama).
- The place of worship is called a temple.
- The holy book is called the Pāli Canon.

Siddhartha Gautama

The founder of Buddhism who eventually became known as the Buddha. He was once a prince, but gave this up to focus on his beliefs.

Dharmic Religions

Religions which originated in India are referred to as Dharmic.

Mahabodhi Temple

A site of pilgrimage for Buddhists. It houses a huge statue of the Buddha meditating in Gold. Buddhists believe that the Bodhi Tree there is a descendent of the tree under where the Buddha gained enlightenment – true knowledge.

Enlightenment

Freedom from the cycle of birth and rebirth which Buddhists associate with suffering.

Sikhism and the Golden Temple

Sikhism -Key Facts:

- There are 18 million Sikhs worldwide.
- Sikhism was founded by the Guru Nanak roughly hundred years ago.
- · Sikhs worship in a Gurdwara.
- Sikhs call the one God the Waheguru. It is a Dharmic and monotheistic religion.

Golden Temple

- Many Sikhs go on pilgrimage to here, although it is not obligatory as Sikh's believe the Waheguru (God) is everywhere.
- People swim in the lake to heal illnesses.
- There are 4 doors, this represents equality; one on every side to show that people of all races and religions are equal.

Langar

The Langar is a dining hall where volunteers prepare the food. The food is free, everyone sits on the floor to show they are equal. There is a langar in every temple in the world – as well as the Golden Temple.

Equality meaning

The state of being equal, especially in status, rights, or opportunities. One of the central beliefs in Sikhism is equality - that no one is more important than another.

Healthy Diet and Obesity

Nutrient A substance that is needed for healthy growth,

development, and functioning.

Balanced Diet

Ensuring you eat all of the required nutrients for your

body to function properly.

Food Groups Carbohydrates, proteins, vitamins, fats, sugars.

Your Health Poor diet can lead to conditions such as obesity.

heart disease, poor oral hygiene and diabetes.



Hydration and Sugary Drinks

A harmful reduction in the amount of water in the Dehydration

body.

Signs Thirst and dark-coloured urine. Other symptoms

include dizziness or light headedness, headaches and

tiredness

Water Intake A child should drink between 6-8 glasses of water a

day.

Sugar Intake A limit of 25g of sugar during a day.

Sugar Tax In April 2018 the sugar tax was introduced in the

UK. It was designed to reduce health problems and

childhood obesity.

Sleep and Screen Time

Deprivation A lack or loss of something you need to function.

Sleep Sleep is an active period where memories are also

stored, muscle is grown and damaged tissue is

repaired.

Sleep Time 11-year-olds should home to get between 9-11 hours

sleep where as teenagers should aim to get 8-10

hours sleep.

Screen Time Screen time includes time watching TV, on the phone.

playing on the computer or on a tablet.

Limitina Screen time and caffeine can both affect the quality **Screen Time**

of sleep that you have and cause sleep deprivation. Children spend an average of 1.5 hours screen time

before bed.

Puberty

Hormones Chemicals your body makes to help it do certain

things - like grow up!

The process of physical changes through which a Puberty

child's body matures into an adult body.

Girls: Ages 7-13. Bovs: Ages 9-15.

Physical Changes Growth, facial hair, voice breaking, menstrual cycles

start, increased sweating.

Emotional Changes

Mood swings, increase in testosterone.

Spots and

Spots are due to hormones and an oily substance called sebum, your body produces more during puberty, which causes blocked pores, and spots.

Acne

My Body and Me

Personal Hygiene

Hygiene Conditions or practices done to maintain health and preventing disease, especially through cleanliness. Dental Hygiene This involves brushing your teeth regularly, flossing, using mouthwash and having a good balanced diet.

Hand Washing your hands for 20 seconds using the correct **Washing** routine to remove bacteria.

Clean Routine Maintaining a good routine helps keep bacteria at bay!

- · Change your clothes regularly.
- Regularly shower/take a bath.
- · Change menstruation products regularly.
- Eat a good diet/drink water.
- · Keep a clean living area.

Mental Health and Wellbeing

Mental Health	Our emotional, psychological, and social wellbeing. It affects how we think, feel, and act.
Wellbeing	The state of being comfortable, healthy, and happy.
Stigma	A strong feeling of disapproval that most people in a society have about something, especially when this is unfair. E.g. 9/10 people who suffer from mental health problems have reported experiencing stigma and

Support

It is important to know Your mental health doesn't always stay the same. It can change as you move through different stages of your life. You can seek

help from your doctor, teachers, friends and family.

#gettalking.

discrimination

Young Carers

Young	Those under 18 who care for parents or family
Carers	members who are suffering from physical disabilities
	mental health problems and also drug and alcohol
	addiction.

Role Care can include household chores, caring for siblings, cooking, helping parents to get dressed and

washed and providing medication.

Respite A short period of rest or relief from something difficult to help carers relax or maybe catch up with school work

Support Young carers can seek support through school, GP, or an independent charity.

Disability

Equality Ensuring individuals or groups of individuals are not treated differently.

Disability

A physical or mental condition which may affect a persons movements, senses or activities. This may involve sensory, mental health, mobility or learning disability. 11 million people in the UK have a disability.

Equality Act

A law which protects those with a disability against discrimination. It states that disabled people must have reasonable adjustments made to take part in society and succeed in life.

Stereotypes We can try and overcome discrimination by challenging stereotypes. A stereotype is a set idea that people have about someone which is usually

incorrect.

7

Biology

Adaptations

How is each animal adapted to its environment?



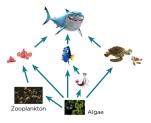
- · White appearance camouflage.
- · Thick layers of fat and fur for insulation.
- A small surface area to volume ratio to minimise heat loss.
- · A greasy coat which sheds water.



- · Large, flat feet to spread their weight.
- . Thick fur on the top of the body for shade, and thin fur elsewhere to allow easy heat loss.
- · The ability to go for a long time without water.
- · Thick long eyelashes to help keep the sand out.

Food Webs

Label the food web (remember the arrows show energy transfer between organisms!).





- Light/dark.
- Daily temperature.
- · Daily weather.
 - weather.
 - Seasonal

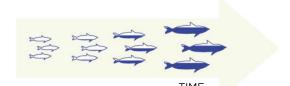
Daily and Seasonal Changes



Seasonal



What is Bioaccumulation?



Environmental Impact

Key Term	Definition
Habitat	The place where an organism lives.
Environment	The surroundings or conditions in which a person, animal, or plant lives or operates.
Population	All the living things in a particular place.
Biotic	Biotic means the living or once living components of a community E.g. plants and animals.
Abiotic	Abiotic means the non living factors of the environment. E.g. light and temperature.

Pesticides and DDT

What is a pest?

Animals that harm plants we want to grow.

What is a pesticide?

Chemicals that kill pests.

What is a herbicide?

Chemical which kills weeds.

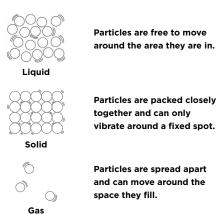
What is DDT and why is it no longer used?

Used to treat malaria and typhoid in WWII. Remained in the soil years later. Linked to cancer and harmful to animals.

How Could We Investigate Habitats?

- 1. Measure a 4mx4m area of each field.
- 2. Randomly place the quadrat down in the area.
- 3. Record the number of each species.
- 4. Repeat for 4 different sections and take an average for each species.
- 5. Compare the average of each field.

Chemical States



Variables

Variable	Definition	Example
Independent	The variable that you change.	Amount of solvent. Amount of solute.
Dependent	The variable that you measure.	Time taken to dissolve.
Control	The variables which need to be controlled as they may effect your experiment.	Temperature.

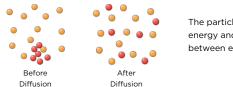
Dissolving

Key Term	Definition
Solvent	The liquid the substance dissolves in.
Solute	The substance which dissolves.
Solution	The mixture of substance and liquid.

Explain how salt dissolves in water

Salt is the solute, the water (solvent) surrounds the salt particles and the mixture becomes a solution as the particles move around each other.

Diffusion of Particles

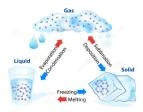


The particles have gained energy and are moving between each other.

What would happen if you increased the temperature of the solution?

The particles will have gained more energy from the heat, therefore move around each other faster.

Change of State



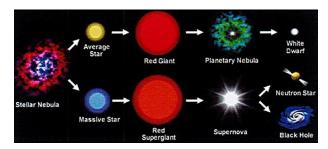
SCIENCE

Physics

Forces and Space

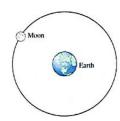
The planets in our Solar System are:

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.



Something that emits light is called 'luminous'. The moon is non-luminous. Non-luminous means it reflects light.

The moon is a satellite, a satellite is an object that is in orbit around a planet. Another use for satellites could be sat-navs, weather, TV.



Forces can make things move faster or slower.

Forces can change the **shape** of an object.

Forces are measured in Newtons (N).

If forces on an object are balanced, that object will either **remain stationary** if it was still beforehand, or it will move at a **steady speed** if it was moving already.

We have day and night because the Earth **rotates** on its axis. During daylight, light from the **sun** shines on that side of the Earth.

The other side, that is pointing away from the sun, gets no light and so it is **dark** there.

The Earth completes one full rotation every 24 hours.

The Earth's **seasons**, summer, spring, autumn and winter are caused because the Earth is tilted on its axis.

When the Northern **Hemisphere** is tilted towards the sun, it is summer, and when it is tilted away from the sun, it is **winter**.

It takes 28 days for the moon to orbit the Earth.

As the moon moves, our view of it changes. These changes are called the $\mbox{{\bf phases}}$ of the moon.

When we see the moon as a circle, we call it a full moon.

A **lunar** eclipse occurs when the Earth passes between the moon and the sun, and the Earth's shadow blocks us from seeing the moon.







A **solar** eclipse occurs when the moon passes between the Earth and the sun, blocking us from seeing the sun.







Mass is measured in ${\it grams}$ (g) or ${\it kilograms}$ (kg).

Weight is measured in Newtons (N).

Gravity on Earth = 10N/Kg - it pulls you towards the Earth.

Weight (N) = mass (kg) x gravitational field strength (N/kg)

Saludos	Greetings	¿Qué tipo de	What sort of	Mi pasión	My passion
iHola!	Hello	persona eres?	person are you?	Mi pasión es	My passion is
¿Qué tal?	How are you?	Soy	I am	Mi héroe es	My hero is
Bien, gracias.	Fine, thanks.	divertido/a	amusing	el deporte	sport
fenomenal	great	estupendo/a	brilliant	el fútbol	football
regular	not bad	fenomenal	fantastic	la música	music
fatal	awful	generoso/a	generous	el tenis	tennis
¿Cómo te llamas?	What are you called?	genial	great		
Me llamo	I am called	guay	cool	¿Cuántos	How old
¿Donde vives?	Where do you live?	listo/a	clever	años tienes?	are you?
Vivo en	I live in	serio/a	serious	Tengo años.	I am years old.
iHasta luego!	See you later!	simpático/a	nice, kind	¿Cuándo es tu	When is your
iAdiós!	Goodbye!	sincero/a	sincere	cumpleaños?	birthday?
		tímido/a	shy	Mi cumpleaños es el de	My birthday is the of
¿Tienes	Do you have	tonto/a	silly	enero	January
hermanos?	any brothers or sisters?	tranquilo/a	quiet, calm	febrero	February
Tengo	I have			marzo	March
una hermana	a sister	Los colores	Colours	abril	April
un hermano	a brother	blanco/a	white	mayo	May
una hermanastra	a half-sister/	amarillo/a	yellow	junio	June
una nermanastra	stepsister	negro/a	black	julio	July
un hermanastro	a half-brother/	rojo/a	red	agosto	August
	stepbrother	verde	green	septiembre	September
No tengo hermanos.	I don't have any brothers or sisters.	gris	grey	octubre	October
Soy hijo único/	brothers or sisters.	marrón	brown	noviembre	November
	Lam an only child				
hija única.	I am an only child. (male/female)	azul	blue	diciembre	December
	=	azul rosa	blue pink	diciembre	December

Los números 1 - 16	Numbers 1 - 16	Los números 17 - 31	Numbers 17 - 31	¿Tienes mascotas?	Do you have any pets?
uno	1	diecisiete	17	Tengo	I have
dos	2	dieciocho	18	un caballo	a horse
tres	3	diecinueve	19	una cobaya	a guinea pig
cuatro	4	veinte	20	un conejo	a rabbit
cinco	5	veintiuno	21	un gato	a cat
seis	6	veintidós	22	un perro	a dog
siete	7	veintitrés	23	un pez	a fish
ocho	8	veinticuatro	24	un ratón	a mouse
nueve	9	veinticinco	25	una serpiente	a snake
diez	10	veintiséis	26	No tenga mascotas.	I don't have any pets.
once	11	veintisiete	27	¿Cómo es?	What is it like?
doce	12	veintiocho	28	¿Cómo son?	What are they like?
trece	13	veintinueve	29		
catorce	14	treinta	30	Palabras muy frecuentes	High-frequency words
quince	15	treinta y uno	31		
dieciséis	16			bastante	quite
				no	no/not
Ser (to be) - pr	esent tense	Tener (to	have) - present tense	mi/mis	my

Soy	l am	Tengo	I have
Eres	You are	Tienes	You have
Es	He/she/it is	Tiene	He/she/it has
Somos	We are	Tenemos	We have
Sois	You are	Tenéis	You (pl) have
Son	They are	Tienen	They have

High-frequency words

quite no/not my muy very but pero también also, too

tu/tus your un poco a bit У and

Libre Mi Tiempo

¿Qué te gusta hacer?

Me gusta...

I like...

Me gusta mucho...

I really like...

No me gusta...

I don't like...

No me gusta nada...

I don't like it at all...

What do vou

like to do?

chatear

to chat online

escribir correos escuchar música to write emails

jugar a los

to listen to music to play video games

videojuegos

leer to read

mandar SMS to send text messages

navegar por Internet to surf the net

salir con mis amigos to go out with my friends

ver la television to watch TV because it is...

porque no es... because it is not...

interesante interesting

guay

porque es...

cool

divertido/a amusing, funny

estúpido/a stupid aburrido/a boring

¿Qué haces en tu tiempo libre?

canto karaoke

bailo

hablo con mis amigos

monto en bici

saco fotos toco la guitarra

I ride my bike

Expresiones de frecuencia

a veces

de vez en cuando

nunca

todos los días

¿Qué tiempo hace?

hace calor

hace frío

hace sol

hace buen tiempo

Ilueve nieva

What do you do in your spare time?

I dance

I sing karaoke

I talk with my friends

I take photos

I play the guitar

Expressions of frequency

sometimes

from time to time

never

every day

What's the weather like?

it's hot

it's cold

it's sunny

it's nice weather

it's raining it's snowing

Las estaciones The seasons

la primavera

spring summer

el verano

el otoño autumn

el invierno winter

¿Qué deportes haces?

Hago atletismo.

What sports do vou do?

I do athletics.

Hago artes marciales. I do martial arts.

Hago equitación. I do/go horse riding.

Hago gimnasia. I do aymnastics.

Hago natación. I do/go swimming.

Juego al baloncesto. I play basketball.

Juego al fútbol. I play football.

Juego al tenis. I play tennis.

Juego al voleibol. I play volleyball.

iMe gusta! I like it!

iMe gusta mucho! I like it a lot!

iMe gusta muchísimo! I really, really like it!

iMe encanta! I love it!

Algunas preguntas

Some auestions

¿Qué...? What/Which...?

¿Cuándo...? When...? ¿Dónde...? Where...?

¿Cómo...? How/What...?

¿Cuántos...? How many...?

Mi Tiempo Libre

Hacer (to do) - present tense (irregular)

Hago	I do	
Haces	You do	
Hace	S/he does	
Hacemos	We do	
Hacéis	You do	
Hacen	They do	

Gramática

The infinitive is the form of the verb you find in the dictionary or word list. It often translates as 'to do something'.

escuchar v to listen

In Spanish, all infinitives end in -ar, -er or -ir. How many of each group can you find in exercise 1?

When **me gusta** is followed by another verb, that verb must be in the infinitive.

Me gusta escuchar música.

I like to listen/listening to music.

There are three types of verbs: -ar, -er and -ir. The biggest group is -ar verbs. Once you know the pattern, you can apply the rules to new -ar.

hablar to speak

(yo)	habl o	I speak
(tú)	habl as	you speak
(él/ella)	habl a	he/she speaks
(nosotros)	habl amos	we speak
(vosotros)	habl áis	you (plural) speak
(ellos)	habl an	they speak

Jugar (to play) present tense (irregular)

Juego	l play
Juegas	You play
Juega	S/he plays
Jugamos	We play
Jugáis	You play
Juegan	They play

Skills

Cognates

Some words are spelt the same in Spanish and English. These are called **cognates**. Even though they look the same, they may be pronounced differently. Watch out for this!

Making sentences more interesting

To make your sentences longer and more interesting, include:

- · Connectives (e.g. y, cuando).
- · Intensifiers (e.g. muy).
- · Reasons (e.g. porque es...).
- · Expressions of frequency (e.g. todos los días).

Español	Inglés
Me gusta	l like
Me encanta(n)	I love
Me aburre	is boring
Me aburren	are boring
Me flipa(n)	I really like
Me mola(n)	I really like
Odio	I hate
No me gusta(n) nada	I don't like at all

Palabras muy frecuentes

con with
cuando when
generalmente generally
mucho a lot

High-frequency

words

mucho a lot
no no
o or
pero but
porque because
sí yes
también also, too

¿Y tú? And you?

Los días de la semana

The days of the week

and

lunes Monday martes Tuesday miércoles Wednesday iueves Thursday viernes Friday sábado Saturday domingo Sunday los lunes on Mondays, every

Monday

los martes on Tuesdays, every
Tuesday

¿Qué estudias?	What do study?
Estudio	I study
ciencias	science
dibujo	art
educación física	PE
español	Spanish
francés	French
geografía	geography
historia	history
informática	ICT
inglés	English
matemáticas	maths
música	music
religión	RE
teatro	drama

you

Estudiar (to study) - present tense

technology

severo/a

Soy

Eres

Es Somos

Sois Son

tecnología

Estudio	I study
Estudias	you study
Estudia	s/he studies
Estudiamos	we study
Estudiáis	you (pl) study
Estudian	they study

¿Qué hay en tu insti?	What is there in your school?	Opiniones
		¿Te gusta el dibujo?
En mi insti hay	In my school, there is	Sí, me gusta (mucho)
un campo de fútbol	a football field	el dibujo.
un comedor	a dining hall	No, no me gusta
un gimnasio	a gymnasium	(nada) el dibujo.
un patio	a playground	¿Te gustan las ciencias?
una biblioteca	a library	Sí, me encantan las
una clase de	an ICT room	ciencias.
informática		aburrido/a
una piscina	a swimming pool	difícil
unos laboratorios	some laboratories	divertido/a
unas clases	some classrooms	fácil
No hay piscina	There isn't a swimming pool.	importante
	ρουι.	interestante
Los profesores	Teachers	práctico/a
203 profesores	reactions	útil
El professor/La profesora es	The teacher is	
paciente	patient	¿Cuál es tu día favorito?
raro/a	odd	

strict

I am you are

s/he is

we are you (pl) are

they are

Ser (to be) - present tense

nming		

Sí, me gusta (mucho) el dibujo.	Yes, I like art (a lot).
No, no me gusta (nada) el dibujo.	No, I don't like art (at all)
¿Te gustan las ciencias?	Do you like science?
Sí, me encantan las ciencias.	Yes, I love science.
aburrido/a	boring
difícil	difficult
divertido/a	funny
fácil	easy
importante	important
interestante	interesting
práctico/a	practical
útil	useful
útil	useful
útil ¿Cuál es tu día favorito?	What is your favourite day?
¿Cuál es tu	What is your
¿Cuál es tu día favorito? Mi día favorito es el	What is your favourite day? My favourite day is
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes estudio	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays I study
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes estudio ¿Por qué?	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays I study Why?
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes estudio ¿Por qué? Porque	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays I study Why? Because
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes estudio ¿Por qué? Porque por la mañana	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays I study Why? Because in the morning
¿Cuál es tu día favorito? Mi día favorito es el lunes/el martes. Los lunes/martes estudio ¿Por qué? Porque por la mañana por la tarde	What is your favourite day? My favourite day is Monday/Tuesday. On Mondays/Tuesdays I study Why? Because in the morning in the afternoon

Opinions

Do you like art?

¿Cómo es tu insti?	What's your school like?
Es	It's
antiguo/a	old
bonito/a	nice
bueno/a	good
feo/a	ugly

Expresiones de tiempo	Time expressions
normalmente	normally

sometimes

primero first luego then

Skills

a veces

Writing better sentences

Make your sentences matter by using:

- · Connectives (y, pero, o, también, porque).
- · Intensifiers (muy, bastante, un poco).
- · Sequencers (primero, luego).
- · Expressions of frequency (a veces, normalmente).

Comer (to eat) - present tense

Como	l eat
Comes	you eat
Come	s/he eats
Comemos	we eat
Coméis	you (pl) eat
Comen	they eat

Palabras muy frecuentes

High-frequency words

algo	something	
donde	where	

0	or
pero	but
¿Por qué?	Why?
porque	because
también	also, too

tampoco	nor/neither
У	and

¿Qué haces durante el recreo? during break?

What do you do

Como	I eat

un bocadillo a sandwich

unos caramelos some sweets

chicle chewing gum

una chocolatina a chocolate bar

fruta fruit

unas patatas fritas some crisps

Bebo... I drink...

agua

un refresco a fizzy drink

un zumo a juice

Leo mis SMS. I read my text messages.

water

Escribo SMS. I write text messages.

Nunca hago los I never do homework. deberes.

Beber (to drink) - present tense

Bebo	I drink
Bebes	you drink
Bebe	s/he drinks
Bebemos	we drink
Bebéis	you (pl) drink
Beben	they drink

Gramática

The plural form of un/una (meaning 'a') is unos/ unas (meaning 'some'):

	singular	plural
masc	un laboratorio	unos laboratorios
fem	una clase	unas clases

Remember, there are also four words for 'the' in Spanish:

		singular	plural
mas	sc	el laboratorio	los laboratorios
fem	ı	la clase	las clases

When you are giving your opinion about subjects, you need to check three things:

- 1. That you have the correct verb form: me gusta/ me gustan
- 2. That you have used the correct definite article: el/la/los/las
- 3. That your adjectives agree in number and gender: aburrido/aburrida/aburridos/aburridas.

