



Knowledge Organisers

Year 7
Autumn Term 2025

Name: ______



Instructions for how to use your Knowledge Organiser



After school, every day, you should learn knowledge from **TWO** subjects on your knowledge organiser each night. Your class teacher may set you specific tasks on Satchel One, linked to the knowledge that you will be expected to learn. The timetable below tells you which subjects you should focus on each night. It doesn't matter if you don't have that particular subject on that day, just follow the timetable for your home learning. You should spend **half an hou**r on each subject. You may use your purple homework book to complete tasks neatly.

TIMETABLE OF SUBJECTS

Monday: English and Geography

Tuesday: Science and Art / DT / Food

Wednesday: Maths and History

Thursday: RE and Computer Science

Friday: MFL and Music / Drama



Reading at home

There is also an expectation that you should read a book of your choice for 30 minutes everyday. This should be signed off in your planner by a parent.



How to learn knowledge from my knowledge organiser:

- Look at the work, cover it over, write it out again and check it.
- Look. Cover. Write. Check.
- Ask someone to test you and ask you questions about the topic
- Create mind maps on the topic
- Create flashcards on the topic
- Try writing out the key words or new vocabulary into new sentences
- Create a mnemonic
- Draw a diagram of the process
- Read further around the subject

Year 7 Autumn Term: Classics and The Odyssey





Glossary - Key Vocabulary

Odyssey - journey

Divine Justice - judgement of God

Conflict – argument / fight

Siren – a mythological beast

Myth – a story created to explain

Quest - journey

Sacrifice – to give up something

Heroic - brave act

<u>Glossary – Subject Terminology</u>

Epic Poem – a lengthy poem

Protagonist – main character

Antagonist – villain

Rhetoric – language used to persuade

Context



The Odyssey is a sequel to Homer's epic poem The Iliad. The epic poem focuses on one of the Greek warriors, the hero Odysseus. It tells the story of his journey home to Greece, during the ten-year period after the Greek victory over the Trojans.

Before the introduction of alphabetic writing circa 800 BCE, Greece was illiterate. Scholars date the writing of the Odyssey to about **725–675 bce**. The poem was intended originally to be performed and not just read.

Homer is the legendary author to whom the authorship of the Iliad and the Odyssey is attributed. He is regarded as one of the greatest and most influential authors of all time.

Characters

Odysseus – The heroic protagonist of the epic poem

Telemachus – The son of Odysseus

Penelope – The wife of Odysseus

Zeus – The King of the Gods

Athena – Goddess of wisdom and battle who helps Odysseus

Calypso – an immortal goddess who holds Odysseus prisoner for 7 years

Poseidon – the main antagonist of the epic poem

Key Quotes

"Sing to me of the man, Muse, the man of twists and turns."

"Odysseus and his gallant son charged straight at the front lines, Slashing away with swords"

"Good blood runs in you, dear boy, your words are proof."

"The gods of Olympus can't be all against this man"

Themes and Symbols

- ☐ Fate and Justice
- Cunning
- ☐ Free will
- ☐ Glory and Honour
- **I** Temptation
- Divine Justice



Odysseus bow



The sea



Elements of an Epic

ELEMENTS

Maths Year 7 Autumn Term 1: Number Skills

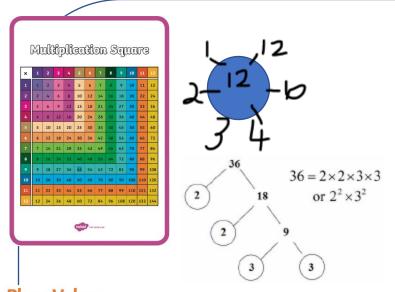


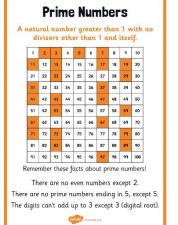
Topic

- Multiples and Factors
- Order of Operations/BIDMAS
- Place Value and Rounding
- Multiplying and Dividing
- Negative numbers

Key words

- ((Lowest) common) multiple and LCM
- ((Highest) common) factor and HCF
- Negative number
- · Directed number
- Power
- (Square and cube) root
- Triangular number, Square number, Cube number, Prime number
- Linear sequence, Arithmetic sequence
- Operation
- Inverse
- · Long multiplication
- Short division
- · Long division
- Remainder



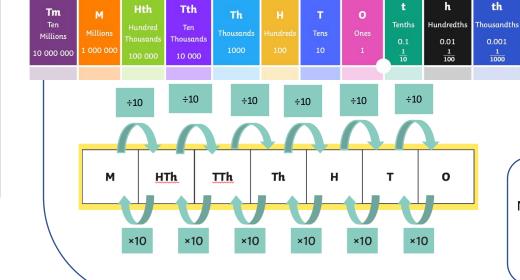






Remember BIDMAS is the agreed order of operations in Maths:

Place Value



Brackets

- Indices are powers, eq 32 or 43
- **Division** start on the left and work them out in the order that you find them
- Multiplication start on the left and work them out in the order that you find them
- Addition
- Subtraction

When only **addition** and **subtraction** are left in the calculation, work them out in the order you find them - starting from the left of the calculation and working towards the right.

MathsWatch Clips

N10; N11; N20; N1a, b, c;

Maths Year 7 Autumn Term 2: Decimals



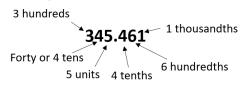
Key concepts:

Place value:

Th H T U.t h th

- When adding and subtracting decimals we must ensure the decimal places are underneath each other when setting up.
- When multiplying decimals, calculate without the decimal point and use estimation to help replace it.
- To find equivalent fractions multiply/divide the numerator and denominator by the same number.
- To convert all numbers to the same form, either fractions, decimals or percentages.

Add/subtract decimals:



$$42.8 + 5.32 42.8 - 5.32$$

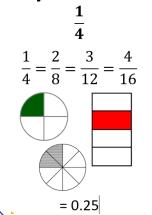
$$42.80 42.80$$

$$+ 5.32$$

$$48.12 - 5.32$$

$$37.48$$

Equivalence:



Key Words

Decimal: A number that contains a point **Fraction:** A fraction is made up of a numerator (top) and a denominator (bottom).

Equivalence: Two fractions are equivalent if one is a multiple of the other.

Simplify: Cancel a fraction down to give

the smallest numbers possible.

Ascending Order: Place in order, smallest to largest.

Descending Order: Place in order, largest to smallest.

Key Concept: Multiply/Divide by powers of 10

10 00	0 1000	100	10	1 (1 10	100	1000

÷ 10

÷ 100

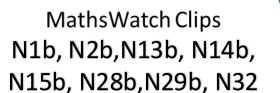
÷ 1000

Multiplying

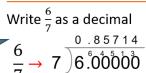
X 10 digits move LEFT 1 space X 100 digits move LEFT 2 spaces X 1000 digits move LEFT 3 spaces

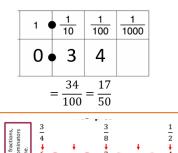
Dividing

digits move RIGHT 1 space digits move RIGHT 2 spaces digits move RIGHT 3 spaces

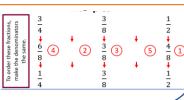


Simplify $\frac{3}{24}$ a fraction $\frac{3}{24}$ $\frac{1}{8}$





Write 0.34 as



Maths Year 7 Autumn Term 2: Equations



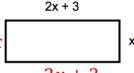
Algebra can be used to support us to find unknowns in a contextual problem.

We can always apply a letter to an unknown quantity, to then set up an equation.

It will often be used in area and perimeter problems and angle problems in geometry.

Solve to find the value of x when the perimeter is 42cm.

HINT: Write on all of the lengths of χ the sides.

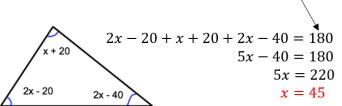


2x + 3

We know the perimeter is 42cm

2x + 3 + 2x + 3 + x + x = 429x + 6 = 42

> 6x = 36Angles in a triangle x = 6sum to 180°



x + 9 = 16	x - 12 = 20	$\frac{x}{3} = 5$	2x + 5 = 14
-9 -9	+12 +12	3	-5 -5
x = 7	x = 32	×3 ×3	2x = 9
		x = 15	÷2 ÷2
			x = 4.5

$\frac{x}{1} - 2 = 4$	2(3x + 5) = -14
4	expand
+2 +2	6x + 10 = -14
$x_{-\epsilon}$	-10 -10
$\frac{\pi}{4} = 6$	6x = - 24
×4 ×4	÷6 ÷6
A4 A4	x = - 4
x = 24	

2x + 7 = 5x + 1		
-2>	(
(smallest x term)		
+7 = 3x + 1		
-1	-1	
6 = 3	K	
÷3 ÷	÷3	
2 = x	(

Answers can be:

- Integers
- Decimals
- Fractions
- negatives

MathsWatch Clips

A12, A17, A19a, A19b

Key words:

Unknown: A letter which represents a number we do not know the value of.

Terms: The numbers and letters in the expression or equation. **Inverse:** The operation which will do the opposite. Solving equations:

Working with inverse operations to find the value of a variable.

Rearranging an equation:

Working with inverse operations to isolate a highlighted variable.

In solving and rearranging we undo the operations starting from the last one.



Science Year 7 Autumn Term 1: Scientific Enquiry Energy Pure + Impure substances







Glossary:

Prediction: what you think will happen.

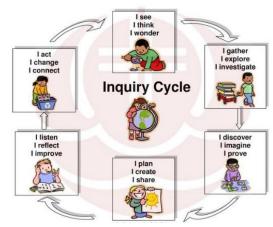
Hypothesis: an idea or a theory that hasn't been tested

Analyse:

examine methodically and in detail

Variable: a factor that can vary or change After a **scientific method** has been followed through, data is **analysed** to see if it matches the **prediction** and check if the **hypothesis** seems correct.

Once data has been collected, displaying it in a chart or a graph helps to spot patterns. The pattern, if there is one, will show how the **independent variable** has affected the dependent variable.



Key points

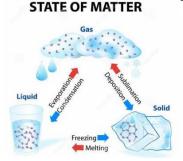
- A conclusion sums up what has been found out during an investigation.
- A conclusion should be clearly structured and explained using scientific knowledge.
- At the end of an investigation, evaluate the results and method to judge how reliable the conclusion is.

Glossary:

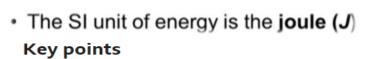
Energy store: different ways that energy can be found in a system

Conserved: maintain (a quantity such as energy) at a constant overall total

Energy pathway: How energy is transferred from one pathway to another



Ball at maximum height Ball mid fall Total = 1000 J Total = 1000 J Total = 1000 J



- Energy can be described as being in different 'stores'.
- Energy can be transferred from one store to another.

There are several stores of **energy**.

Energy can be transferred by:

- mechanical working when a force is applied to move an object through a
- electrical working when charge flows (electricity)

Gravitational potential energy Kinetic energy

- heating when energy is transferred between hotter and colder regions
- · radiation when energy is transferred as a wave, for example as light or

Electrical energy Heat energy 90 J

Glossary:

Matter: Can be one of three states: gas, liquid or solid

Dissolve:

Where a solute breaks up into smaller pieces when placed in a solvent

Pure: A pure substance is not mixed with anything else

Impure: A material with more than one substance in it is impure

Key points

- Most materials that we use are **mixtures**, and just a few are pure elements or pure compounds.
- In chemistry, a pure substance is a single substance made of only one type of particle.
- Impurities change the temperature at which a substance melts and boils.



In sea water, the water is the solvent and salt is the solute

Science Year 7 Autumn Term: Forces and Magnetism, Microscopes and Cells

Magnetic field lines between like poles

Key Words:

Contact Forces.
Contact forces act between

objects that are physically touching each other.

Friction.

The force between two surfaces that are sliding, or trying to slide, past each other.

Air Resistance.

The force that acts in the opposite direction to an object's movement as it moves through the air.

Reaction.

The force that supports an object on a solid surface.

Upthrust.

The upward force exerted by a fluid on an object floating in it.

Non-Contact Forces.

Non-contact forces act between objects without them physically touching each other.

Gravitational Force.

The force acting on an object due to gravity.

Magnetic Force.

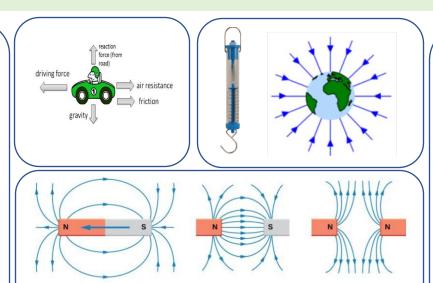
The force exerted by a magnetic field on a magnetic material.

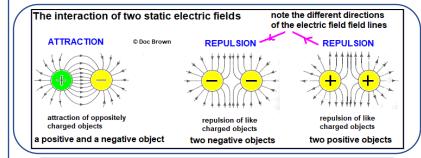
Electrostatic Force.

The force that acts between two charged objects.

Newtons.

The units of force.





Magnetic field lines

Magnetic field lines of a bar magnet

- 1. An object at rest (or moving at constant speed) will continue to do so, unless acted upon by an external force.
- 2. The acceleration of an object is governed by two factors. Its mass and the force acting on it.
- 3. Every action has an equal and opposite re-action.

Key Words:

Microscope.

A piece of equipment that allows us to see microscopic objects like cells.

Cell.

The smallest building blocks of life.

Cell Membrane.

The bag that holds the cell together.

Cytoplasm.

A jelly like substance found inside cells, most of the reactions happen here.

Nucleus.

Contains the DNA and controls the cell activity.

Mitochondria.

Respiration happens here to provide energy for the cell. **Ribosome.**

These synthesise proteins.

Extra parts found in plants: Cell Wall.

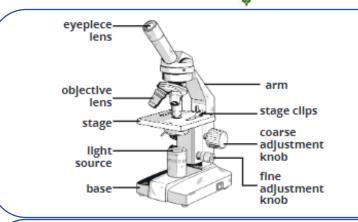
Provides support for the plant cell.

Vacuole.

Contains the cell sap.

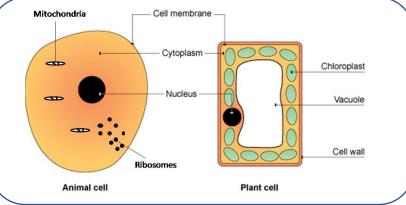
Chloroplasts.

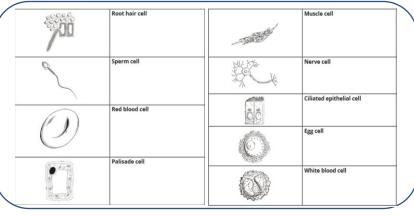
They contain a green pigment called chlorophyll. This is where photosynthesis happens.



ST TERESA

of CALCUTTA





Year 7 RE Unit 1 – Creation and Covenant

Day 3

Day 4

Then God said. Let us make man in our

image, after our likeness; and let them

have dominion...'

Subsidiarity

Decisions should not be taken at the

highest levels, but by people who are

most affected.

Common good

The aim of working together to improve

society for all people.

Solidarity

Unity of feeling or action between

people

Dignity of the human person The belief that every person is precious

because they are made in God's image.

Creation:

Bringing something into existence.

Creationism:

The belief that the world was created exactly as it says in the Bible.

Special revelation:

Knowledge of God revealed through the Bible and the teachings of the Church.

Imago Dei:

Latin for 'in the image of God'. This means that humans reflect God's nature.

Literary form:

Different types of writing. For example poetry and letters.

Literal sense:

Reading the Bible taking into account the author, the time it was written and the literary form.

General revelation:

Knowledge of God revealed through human reason, experience and the created world.

Revelation:

The way in which God makes himself known to human beings.

Scientism:

The belief that science has all the answers.

Stewardship:

The duty to care for something.

Why is the story of creation important to Catholics?

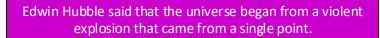
- It shows us that God is the **Creator** of the world.
- It reminds us that God is omnipotent (all powerful).
- It shows God's love for us (Omnibenevolent).
- It teaches us why we should look after the world, we call this stewardship.
- It explains why **Sunday** is our day of rest.
- We know how the world was made.

Catholics believe...

- The creation stories are the word of God, they teach us about God and humans but don't give us a factual explanation of how God created the universe.
- Science teaches them the details about how the world came to be but science doesn't have all the answers.
- The Church does not question what scientists believe about the Big Bang as they believe both are possible.
- The Church does not teach humans were made exactly on the 6th day and except evolution is how God created humans.
- However they do not believe this happened by chance . They believe each person is given a soul and called by God into a relationship with him.

The Big bang theory

Scientific theories about creation



It suggests the universe began by chance, it was not planned or ordered so some people say there is no need to say God created it.

The theory of evolution

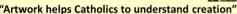


In 1859 Charles Darwin came up with the theory of natural selection

It was discovered that some animals had different but benefitted them.







- eternal, powerful and that we are made in the image of God.
- Artwork can help children to understand creation more.
- Artwork is easier to understand than
- Artwork can make the creation story
- Artwork can distract you from the Bible
- Artwork can be interpreted in the wrong
- Artwork is sometimes difficult to
- If you don't understand creation you would be better talking to a priest than looking at











Year 7 RE Unit 2 – Prophecy and Promise

Dei Verbum

Latin phrase for 'Word of God'.

Scripture

The holy book of a religion, in Christianity it is the Bible.

Tradition

The preaching of the apostles that was kept safe and handed on by bishops.

Inspired

'God breathed' God influenced the writers of the Bible to write what is good and true.

Canon

The agreed list of books that make up the Catholic Bible.

Old Testament

The books in the first half of the Bible showing the creation of the world and God's relationship with the Israelites.

New Testament

The books in the second half of the Bible which tell the story of Jesus and the establishment of the early Church.

Hebrew, Aramaic, Greek

Some books of the Bible were written in these languages.

Tanakh

The Jewish Bible.

Liturgy of the Word

The part of Mass where Catholics are taught God's word from the Bible.



- The Bible is the Christian holy book
 - The word Bible means books
 - There are 72 books in the Bible
- Old testament is the first part of the Bible
- New testament is the second part of the Bible
 - The OT is God's history in the world
- The NT is about Jesus and the early Christians

'The inspiration of Matthew' Caravaggio

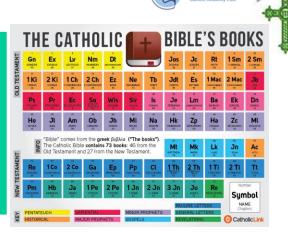
'God is speaking to them using human words' Catechism

'Faithfully and without error that truth which God wanted to put into sacred writings for the sake of salvation' Dei Verbum 11

The Bible

The Bible is important because...

- It teaches us how to live a good Christian life.
- It contains God's words.
- The New Testament contains the life of Jesus and his teachings.
- It tells us about the creation of the world.
- The Old testament teaches us about our history and important prophets.
- It contains the 10 commandments.
- The New Testament tells us how the early Christians spread the word
- We learn about God's attributes.
- If we follow it we will go to Heaven.



Verses

of CALCUTTA

The Angel seems to be counting on it's fingers, reminding Matthew not to miss anything out.

Matthew is being guided by God to

write his gospel.

What is sacred Tradition?

Jesus has the authority from God to share God's message of love

While on earth Jesus asked the Apostles to take his message to the people.

When Jesus ascended into heaven he commanded his Apostles to spread his message throughout the world with the help of the Holy Spirit.

The Apostles commanded their followers to do the same and they were given the same authority Jesus had given to the Apostles.

Jesus' message continues to be carried on today through the leaders of the Church-the Pope and Bishops. This is called Tradition













The Magesterium

Luke 2: 1 - 7

Chapter

Luke is the name of the book we are looking for (the index at the front of your Bible will

help us locate whether it is the Old or New Testament).

2 is the chapter that we need to find within the book of Luke. The Chapter will always be a big, clear number, it also appears at the top of the page.

1-7 are the verses within that chapter that we need. Throughout each chapter of each

book in the Bible will be tiny little numbers. These are the verse numbers.

Book

- Through listening to the Magisterium Catholics can be certain of what is good and true.
- The Magisterium ensures that scripture and tradition have relevance for our lives today.



Why was England so smelly? Year 7 Autumn Term 1:

Sanitation over time

Glossary:

The arrangement of events in the order in Chronology

which they happened.

The process of keeping places free from Sanitation dirt, disease and infection by removing

rubbish and human waste (sewage).

Communal toilet, built by the Romans latrine

A hole in the ground dug to dispose (get cesspit rid) of sewage, used in the Medieval era

A toilet found in a shed outside a house, privy

used from the 1800s - the Industrial

Revolution era

A channel for transporting water, first used conduit

by the Romans

A disease caused when drinking water is cholera

contaminated with human sewage.

A life threatening illness caught when food Typhoid

and water was contaminated with human

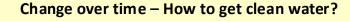
sewage.

A widespread occurrence of an infectious **Epidemic**

disease affecting a community at one time.

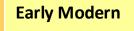
government A group of people with the authority to

rule a country















What is

4. Stop/start

ST TERESA of CALCUTTA





AD 400-AD 1450

Wells





AD 1750- AD 1900

Water pumps



Change?

Taps

Change over time – How to dispose of sewage?

Water sellers



AD 43- AD 410

Conduits









5. Fast and dramatic

Latrines

MhA Change;

significance

Cesspits

Cesspits and water closet

Name

Privy

Flushing private toilet

Questions to ask

discoveries?

1. Who made important

Dr John Snow



1854 He discovers that people in Broad Street who had died had drunk the same water. He was first to make the link between dirty water and cholera.

2. What did the government do to help



Joseph Bazalgette **Public Health** Act

The government appointed Joseph Bazalgette to design and build 1300 miles of sewers across London after the Great Stink. It saved 1000s of lives, 1875 PUBLIC HEALTH ACT forced local councils to clean up towns. All new houses had piped water and toilets links to sewers. Manchester built a 96 mile conduit to bring water from the Lake District to the city.

1860 Louis Pasteur discovers micro-organisms called germs that cause disease. Scientists make the link between specific germs and cholera.

Etymology (origins of the word)

Sign: Latin - 'a mark.'



3. What scientific discoveries were made?

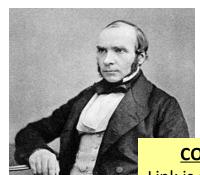
Louis Pasteur's germ theory

Snow discovers cause of cholera.

Government pays Bazalgette builds 1300 miles of sewers.

Pasteur discovers germ theory.

1875 Public Health Act forces All councils to clean up and improve sanitation.



CONSEQUENCE
Link is made between

dirt and water and contaminated water and cholera. But idea not widely accepted



CONSEQUENCE

Cholera outbreaks drop and some councils copy.

But there is no legal requirement to do so.



CONSEQUENCE

Germ theory proves
Snow was correct and
why sewers work.
Government can't
ignore the evidence.



CONSEQUENCE

All councils are legally required to take responsibility for sanitation. This is why we have good sanitation today.

The questions might Historian Dan Snow ask to work out why these individuals, ideas, discoveries and laws are **significant**

What did the individual do?

What was the result (consequence) of this work?



Was the idea widely accepted and copied?

Are these ideas etc still relevant today?

Year 7 Autumn Term 2: The Norman Conquest 1066 Part 1



Glossary:

claimant Someone who thinks something like a job or title should be theirs

Inherit To receive money, land or property as an heir at the death

of the previous holder

invasion A foreign country attacking another country with an army

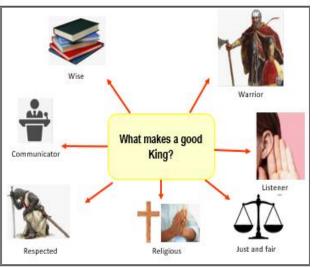
with the aim of taking control

Witan Anglo Saxon council including Earls, Bishops and Thegns. They

advised the King.

Medieval





Claimants	Claims
Harold Hardrada	Viking King, believed treaty named his ruler.
Harold Godwinson	Chosen by the English Witan. Was promised throne by King Edward and the Archbishop of Canterbury.
Edgar the Aetheling	Strongest legal claim as a he was a relative. But too young.
William Duke of Normandy	A strong and experienced soldier. Claimed King Edward and Harold Godwinson had promised him the

claim.

Timeline:



AD 410-AD 865 Anglo-Saxons ruled

AD 865- AD 1042 Vikings ruled



AD 1042-AD 1066
Anglo-Saxons ruled
King Edward the Confessor



AD 1066 – 1087 William Duke of Normandy becomes king

How did King Harold Godwinson really die – 1066?

historical events

Recorded in 1080 that William had "gouged out Harold's eye with an

D80 that

gouged

we with an

Bayeux Tapestry created
in 1070s states "Here King
Harold has been killed"



Written in 1070 "Harold fell in the first shock of battle, pierced with lethal wounds"

Historical
Sources

A source is created at the time of an event. It reveals a person's experiences, events, concerns, feelings. It can be written or made like the Bayeux Tapestry after the event by someone who spoke to people who were there.

Interpretations

These are made many years later, the person writing this will have time to reflect on the event, other sources and try to show a particular opinion.

Useful website:

https://www.bbc.co.uk/bitesize/topics/zshtyrd/articles/z9mw8hv



William's leadership

Norman army and tactics

throne. The Pope supported his

Why did William win the Battle of Hastings 1066?

Anglo-Saxon weaknesses

1. More than one cause

Causes of events

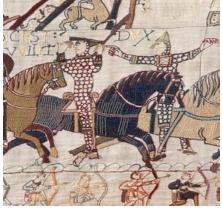
2. Causes and consequences can be linked

3.Not all causes are equal

Written in 1125 "His brain was pierced with an arrow and he fell. One of the knights hacked as his thigh as he lay on the ground"



The ships are loaded with armour, weapons, soldiers



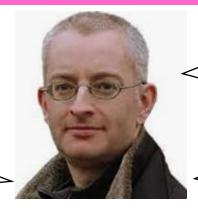




Historian of the Term - Marc Morris Questions Marc Morris might ask when analysing historical sources:

What can you see and what does this suggest?

Who made the source and does this make a difference?



How is the source useful – what opinions can it reveal?

How is the source useful – what facts can it reveal?

Facts about the Bayeux Tapestry				
Date made:	Around 1077, this tapestry is 70 metres long.			
Who made it?	Probably on the orders of Odo, William's half-brother, who was at the Battle of Hastings.			
Why was it made?	Probably to to celebrate and commemorate William's victory.			
How useful is the Tapestry – think what can it reveal?	 Very useful. It reveals the following: the Norman perspective (opinion) on the battle and why they thought William won. It highlights the preparations made before the battle. It highlights the skill of the Norman soldiers – the feigned retreat, how William led and rallied his men – raising his helmet suggests how King Harold died – arrow through the eye, hacked to death. 			

Geography year 7 Autumn term 1 - How has ice changed the earth?

What do I need to know?	
What is geography?	
Why is an atlas useful?	
What is a glacier?	
How do glaciers change landscapes?	
How are landforms shaped by glacial erosion?	
How are landforms shaped by glacial deposition?	
How do we know that the Lake District was glaciated?	
How do people use glacial landforms?	
Why are glaciers shrinking?	
What is the rock cycle?	

Skills to develop

Using geographical language and map skills

What is geography?

Geography is the study of earth's landscapes, peoples, places and environments. It is quite simply, about the world in which we live

Why is an atlas useful?

An atlas is a book which we can use to find the geographical features of different places.

Continent: A large landmass which can be home to a large number of countries Country: A nation which ahs its own government for example Ireland

What is a glacier? Glaciers are made up of fallen snow that over many years can compress into thick ice. They are able to flow like very slow

Glacial periods: Cold period where glaciers

Interglacial periods: The warmer times

What will we learn?

Throughout your time at St Monica's, you will learn about physical, human and environmental geography.

Physical: All about nature e.g. weather

Human: Learning about places we live. in e.g. crime and population

Environmental: How we affect our 7 surroundings e.g. pollution, climate change







What is erosion?

Erode means to gradually wear away. This can happen in glaciers, in rivers and at the coast..

Plucking

get bigger

between ice ages

Melted water at the base and sides of the glacier freezes to the rock. As the glacier moves, the rock is pulled away

Abrasion

The bits of rock which are stuck in the ice scrape against the rock at the base and sides of the glacier







YEAR 7 SPANISH KNOWLEDGE ORGANISER

3 Pillars of Language Learning • Vocabulary • Grammar • Phonics



l like	Me gusta/n
I love	Me encanta/n
I don't like	No me
	gusta/n
I hate	Odio
I can (am able)	Puedo
I must (have to)	Tengo que
I prefer	Prefiero
I would like	Me gustaría
I am going (I go)	Voy a
I want	Quiero
You would like	Te gustaría

hablar	to speak
jugar	to play
trabajar	to work
bailar	to dance
cantar	to sing
visitar	to visit
mirar	to watch
escuchar	to listen
estudiar	to study
viajar	to travel
comer	to eat
tener	to have
terminar	to finish
hacer	to do
beber	to drink
vivir	to live
ir	to go
salir	to go out

Gramática

In Spanish, all nouns are either masculine (m) or feminine (f). There are four words in Spanish for 'the':

	singular	plural
masculine	el tigre (the tiger)	los tigres (the tigers)
feminine	la jirafa (the giraffe)	las jirafas (the giraffes)

1. <u>el</u> <u>búfalo</u> (m) 3. <u>loycamellos</u> (m) 5. <u>el</u> <u>zorro</u> (m) 2. <u>la cebra</u> (f) 4. <u>lasvacas</u> (f) 6. <u>las jirafas</u> (f)

Challenge: 7. Los koalas (m) 8. Los koalas (m) 9. Los serpiente (f)

- The following strategies can help you learn vocabulary:
- · Look, say, cover, write, check
- LOOK Look carefully at the word for at least 10 seconds
- <u>SAY</u> Say the word to yourself or out loud to practice pronunciation
- COVER Cover up the word when you feel you have learned it.
- · WRITE Write the word from memory
- CHECK Check your word against the original. Did you
 get it right? If not, what did you get wrong? Spend
 time learning that bit of the word. Go through the
 steps again until you get it right.

CE/CI		CA/CO/(:u
GE/GI		GA/GO/	GU
y Ilave	CO CO	Ny España	ı ⊕ ı
QU k quince	15)	Silent hospital	

rr

vaca

Roll those "r"s! perro









Art - Year 7 Autumn Term

Tone

Looking at artists

Looking at the work of the masters: Tone title page

Artist research page: Andrea Joseph

Reading: Andrea Joseph article and comprehension

questions

Artist inspired shoe arrangement mixed media drawing

Developing and experimenting

Experimenting with mark making linked to Andrea Joseph Experimenting with different media to show tone Planning a final outcome

Drawings

Baseline assessment: drawing using a grid

Observational drawings of shoes

"Do Now" tasks

Final Outcomes

Andrea Joseph inspired shoe arrangement drawing demonstrating a range of tonal techniques using pencil, pen and coloured pencil crayons

New skills and techniques

Artist appreciation/opinions, mark making, pencil tone, biro pen tone, coloured pencil crayon tone, composition, observational drawing





ST TERESA of CALCUTTA







Year 7 Music Half Term 2: Keyboard Performance



Glossary:

Tempo – the speed of music

Pitch – how high or low a note is

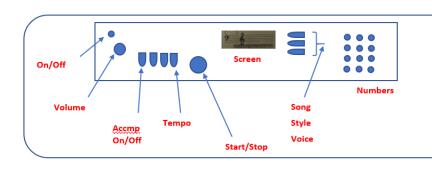
Rhythm – the pattern of long & short notes

Technique – how well you control your instrument

Fluency – how smoothly you can play the music

Chord – 2 or more notes played at the same time

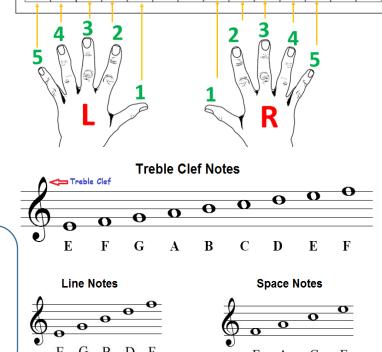
Accompaniment – music that provides a background for the main tune





beats	notation	name
1/4	A	Semi quaver
1/2	7	quaver
1/2	7	Quaver rest
1	ا	Crotchet
1	\$	Crotchet rest
1	\Box	2 quavers
1	,,,,	4 semiquavers





GAB

| C |

DE

F

Ode to Joy Easy version: https://youtu.be/wMhu0j391rU
Ode to Joy Medium version: https://youtu.be/qrAHvk7LVoE
Ode to Joy Hard version: https://youtu.be/eC1cRedWcJM

DT Year 7 Autumn Term Unit 1: Health and Safety

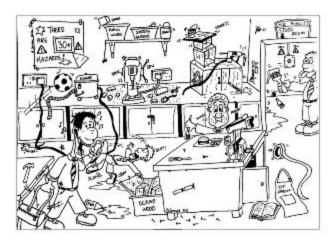


Glossary

Health and Safety

NOUN BRITISH

•regulations and procedures intended to prevent accident or injury in workplaces or public environments.



Why do you think workshop Safety Rules are important?

If everyone follows workshop rules, everyone will be safe and learn how to use tools and equipment properly and efficiently.

Health and Safety (technologystudent.com)

1. Always listen carefully to the teacher and follow instructions.

The instructions given by your teacher, will help you understand how to work in a workshop safely and efficiently.

2. Do not run / rush in the workshop.

You could 'bump' into another pupil and cause an accident. You could run into a machine or bench, which could cause a serious injury.

3. Know where the emergency stop buttons are positioned in the workshop.

If you see an accident at the other side of the workshop, you can use the emergency stop button to turn off all electrical power to the machines.

4. Always wear an apron.

It will protect your clothes and hold your tie in place.

5. Wear good strong shoes. Trainers are not suitable.

Tools and equipment can have sharp edges and are usually heavy. Good shoes prevent damage to your feet.

6. When attempting practical work, all stools should be put away.

If stools are left out in the workshop during a practical session, they will get in the way and inevitably become a trip haxard.

7. Bags should be stored away, during practical sessions in the workshop.

A person can easily trip over a bag left on the floor and accidentally push into someone using a machine.

8. When learning how to use a machine, listen very carefully to all the instructions given by the teacher. Ask questions, especially if you do not fully understand.

It is important to ask questions so you have a full understanding of its use to prevent an accident.

9. Do not use a machine, if you have not been shown how to operate it safely, by your teacher.

It is extremely dangerous (and illegal), to use a machine in the workshop, without having followed and understood, all the teacher instructions.

10. Always be patient, never rush practical work.

The most productive and efficient designers work patiently and never rush their work.

11. Always use guards, when operating machines.

The guard on a machine, protects the user, especially the users eyes, from dangerous 'debris' that is thrown out, often at high speed. The guards also ensure that hands and fingers, are not near moving parts.

12. Keep hands / hair and clothing away from moving/rotating parts of machinery.

Loose Clothing (e.g. a school tie) and long hair, can be caught in the moving parts of a machine. Long hair should be tied back.

13. Use hand tools carefully, keeping both hands behind the cutting edge.

Never place a hand in front of a cutting tool. There is always a possibility, of the tool slipping and the sharp edge slicing into the hand / fingers.

14. Report any damage / faults to machines/equipment. Damage or a faulty part, could cause an accident.

A broken or damaged tool can be dangerous.

15. Keep your workbench tidy. When you have finished with a tool / piece of equipment, return it to its storage cupboard / rack.

A bench top, crowded with tools, will eventually lead to one or more, being knocked on to the floor, or on to feet.

16. Never distract another pupil, when they are working on a machine or using tools / equipment.

A distracted pupil could have an accident, as their focus and concentration is taken away from the work they are doing.

Food Year 7 Autumn Term: Food and Nutrition, Health and Safety/Food Safety

- Seneca Online Learning AQA Food and Nutrition Class code: b797g0nf2i
- https://www.foodafactoflife.org.uk/
- BBC Food
- Food Standards Agency https://www.food.gov.uk/food-safety
- https://www.ifst.org/lovefoodlovescience
- https://www.nutrition.org.uk/
- https://quizlet.com/240309265/gcse-food-preparation-nutrition-keywords-flash-cards/

Key Knowledge:

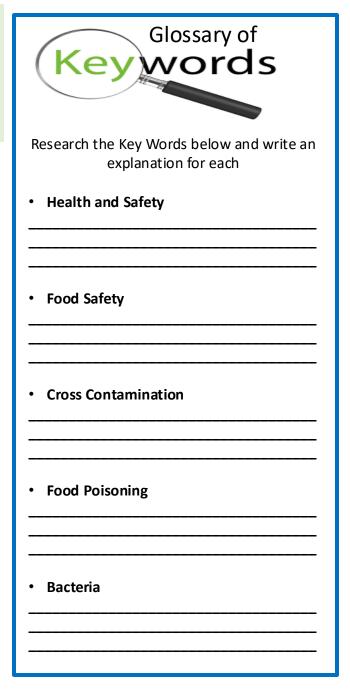
- Know the difference between Health and Safety and Food Safety
- Describe how to keep food safe Bacteria)
- Know and understand how to prevent bacterial contamination.
- Recognise the symptoms of food poisoning.
- Understand the food safety principles when storing food.
- Describe the term cross contamination and how it occurs.

Quick Test (use the internet to research the answers)

- 1. What are bacteria?
- 2. What would happens if food is prepared incorrectly and then eaten?
- 3. On food packaging what do you need to check before buying the food?
- 4. Explain the term cross contamination.
- 5. What is the bacteria found in chicken called?
- Can food poisoning be deadly?







Music Year 7 Half Term 1: Introduction to Keyboards



Glossary:

Tempo – the speed of music

Pitch – how high or low a note is

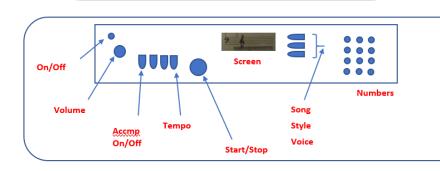
Rhythm – the pattern of long & short notes

Technique – how well you control your instrument

Fluency – how smoothly you can play the music

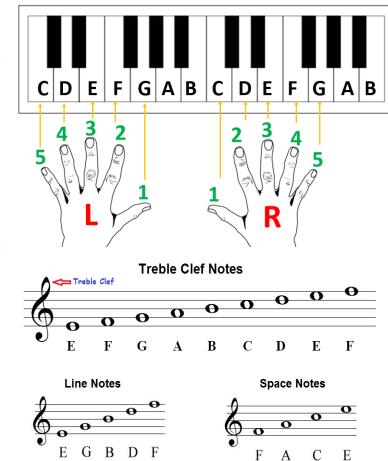
Chord – 2 or more notes played at the same time

Accompaniment – music that provides a background for the main tune





beats	notation	name
1/4	A	Semi quaver
1/2	,	quaver
1/2	7	Quaver rest
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1	*	Crotchet rest
1	Ţ	2 quavers
1	,,,,	4 semiquavers



Ode to Joy Easy version: https://youtu.be/wMhu0j391rU
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Ode to Joy Hard version: https://youtu.be/eC1cRedWcJM

Drama Year 7 Autumn Term 1: Roald Dahl









Physical Skills

Facial Expression

Using your face to communicate character emotion and reactions.



The way that you sit or stand. To communicate emotions or meaning to an audience



Using different heights or depth to add meaning/status/ add visual interest.

Gestures

(Usually and arm or hand movement) to communicate specific meaning









Drama Techniques

Tableaux: A living picture showing a moment in time as though a pause button has been pressed **Body as Prop:** Using performers' bodies to create

inanimate set/props

Creating a Character: Using key information from the text to create a character different from you **Building Tension:** Use of vocal and physical skills to build to

Dig Deeper Questions:

- Which skills are needed for an effective tableaux and why are they important?
- What clues might you look for in a text to help you to build your character?
- Name 3 skills that an actor can use to create tension. Explain your choices.
- Name 3 types of non-verbal communication that can be used in a performance. Now try to think of a non-performance scenario where those skills can also be useful.

Vocal Skills:

Projection:

Ensuring your voice is loud and clear for the audience to hear.

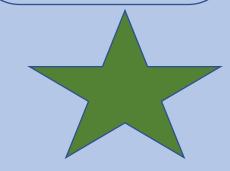
Tone: The way you say something in order to communicate your emotions, eg, Angry, worried, shocked tone of voice.

Pace: The speed you deliver

your dialogue

Pause: Moments of pause can create tension or

intrigue.



Communication

Cooperation

Creativity

Confidence

Computer Science Year 7 Autumn Term: E-Safety

Cyberbullying is when somebody deliberately harms someone else online. This includes trying to intimidate, insult, or humiliate someone. Cyberbullying includes things like: sending threatening messages via text or instant messaging, sharing inappropriate or embarrassing pictures and making mean comments on social media posts, chat rooms etc.

- -Defamation
- -Grooming
- -Trolling



Influencers are people who have built a reputation for their knowledge and expertise on a specific topic. They make regular posts about that topic on their preferred social media channels and generate large followings of enthusiastic, engaged people who pay close attention to their views.



Social media websites and apps may include one or more of these features:

- Ways to share files (like music, photos or videos) or links with others.
- Instant messaging or ways to stream video and make voice calls etc.
- Forums or groups designed for people with a certain interest
- A way to publish original material like blogs. Social media can be used to keep up with friends all over the world and even make new ones, you can be creative and raise awareness about charities and other good causes.

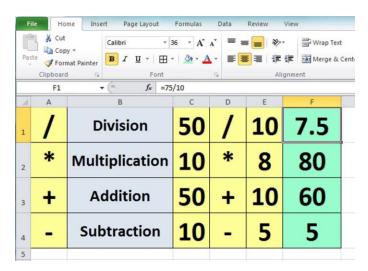
If you share too much information you can put yourself at risk, not all information is true and accurate. There are lots of fake news stories and images have been manipulated to look different. Always check your privacy settings.



Video Games

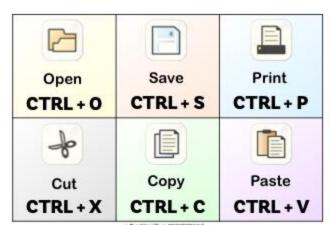


Computer Science Year 7 Autumn Term 1: ICT Knowledge



Don't forget to always start with = when writing a formula.

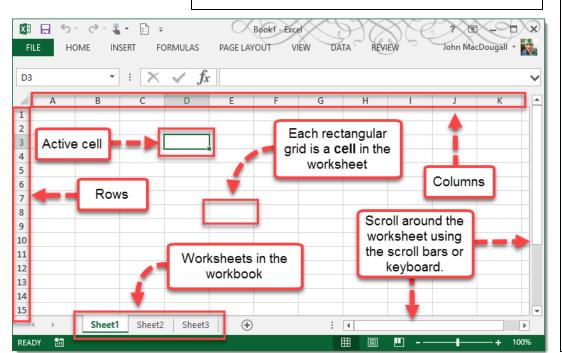






Word Processing

You use a word processor for documents that are mainly text such as letters, essays and reports. You can change fonts, text sizes, emphasise headings, highlight text or make it bold, italic or underlined. You can create columns to create newspapers or bullet pointed lists and you can still include images and icons. Spell checker is also a very useful tool!





PowerPoint

Presentation software creates a series of slides in a single document. Each slide contains a number of frames. Each slide usually contains text or images but you can include videos and sound as well. The software makes it easy to insert and delete slides and to change their order. You can also animate things using animations and transitions. Animations make the frames on a slide arrive on screen in different ways. Transitions are effects that change how each new slide appears. These are usually triggered by clicking a mouse button or by pressing a keyboard key. Presentations should capture the audiences attention.

Physical Education Year 7





Learning to love PE

- Basic Motor skills/techniques
- Expectations/Standards
- Isolated skill practice



<u>Health Related Fitness -</u> <u>Benefits of Physical</u> <u>Activity</u>

- Short term Effects of Exercise
- Anatomy Vocabulary
- Balance, Speed,
 Strength, Cardiovascular
 Fitness

Dance

Knowledge of techniques, styles and forms.



Sports/Activities taught

Netball Football

i Ootbai

Hockey

Handball

Cricket

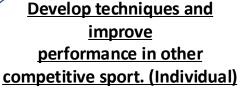
Rounders

Basketball

Table Tennis

Strategies to overcome opponents in competitive sport (Games)

- Teamwork
- Rules & regulations
- Fundamentals of Movement



- Athletics: Hitch kick
- Gymnastics: Travel, core skills, small apparatus



Outdoor & Adventurous Activities

- Team building
- Problem solving
- Oracy & Communication Skills



Wider Curriculum Competitive Sports & Activities

- Extra Curricular
- Inter-form
- Sports Day
- Community Links
- Desire to Improve: assessments will demonstrate improvements to achieve your personal best.
- Commitment, Resilience & Respect across the learning journey.



PSHE Year 7 Autumn Term: Identity

	Glossary
Asexual	A person who generally does not experience sexual attraction to any group of people
Androgyny	A gender expression that has elements of both masculinity and femininity
Biological Sex	The physical anatomy and gendered hormones one is bom with.
Bis exual	A person who experiences sexual, romantic, physical, and/or spiritual attraction to people of their own gender as well as another gender
Cisgender	A description for a person whose gender identity, gender expression, and biological sex all align
LGBTQ+	Lesbian Gay Bisexual Trans Queer / Questioning + = Other
Sexuality	A persons sexual preference or orientation. Who they are attracted to.
Gender Dysphoria	Where a person experiences distress due to a mismatch of their biological sex and their gender identity.
Heterosexual	A medical definition for a person who is attracted to someone with the other gender.
Homosexual	A medical definition for a person who is attracted to someone with the same gender.
Transvestite	A person who dresses as the opposite gender expression for any one of many reasons, including relaxation, fun, and sexual gratification.
intersex	A person with a set of sexual anatomy that doesn't fit within the labels of female or male (e.g., XXY phenotype, uterus, and penis)
Pansexual	A person who experiences sexual, romantic, physical, and/or spiritual attraction for members of all gender identities/expressions
Transgender	A person whose gender identity is the binary opposite of their biological sex, who may undergo medical treatments to change their biological sex
Transsexual	A person whose gender identity is the binary opposite of their biological sex, who may undergo medical treatments to change their biological sex
: Gender Identity	Gender identity is a way to describe how you feel about your gender. You might identify your gender as a boy or a girl or something different. This is different from your sex, which is related to your physical body and biology.

Important legal changes that have affected LGBTQ+ people in the UK

- 2000: Government lifts the ban on lesbians and gay men serving in the Armed Forces.
- 2001: Age of consent for gay/bi men is lowered to 16.
- 2002: Equal rights are granted to same-sex couples applying for adoption.
- 2003: Repeal of Section 28 Section 28 was a law that made it illegal to talk positively about homosexuality in schools.
- 2003: A new law comes into force protecting LGBT people from discrimination at work. Until 2003 employers could discriminate against LGBT people by not hiring them or not promoting them, just because of their sexual orientation or gender identity.
- 2004: Civil Partnership Act is passed.
- 2004: Gender Recognition Act is passed This Act allowed trans people to change their legal gender. This means that they can get a new birth certificate that reflects who they really are, which helps for future legal processes like marriage.
- 2007: It becomes illegal to discriminate against people because of their sexual orientation or gender identity when providing them with goods or services.
- 2008: The Criminal Justice and Immigration Act makes 'incitement to homophobic hatred' a crime.
- 2009: A new law gives better legal recognition to same-sex parents.
- 2013: The Marriage (Same-Sex Couples) Act is passed.

Trans Teens and Children



If a child is under 18 and thought to have gender dysphoria, they'll usually be referred to a specialist child and adolescent Gender Identity Clinic (GIC). Treatment is arranged with a multi-disciplinary team (MDT). This is a group may include specialists such as mental health professionals and paediatric endocrinologists. Most treatments offered at this stage are psychological, rather than medical or surgical.

If the child is diagnosed with gender dysphoria and they've reached puberty, they could be treated with gonadotrophin-releasing hormone (GnRH) analogues. These are synthetic hormones that suppress the hormones naturally produced by the body. They also suppress puberty and can help delay potentially distressing physical changes caused by the body becoming even more like that of the biological sex, until they're old enough for other treatment options. The effects of treatment with GnRH analogues are considered to be fully reversible, so treatment can usually be stopped at any time.

Teenagers who are 17 years of age or older may be seen in an adult gender clinic. They are entitled to consent to their own treatment and follow the standard adult protocols.

Gender Reassignment surgery will not be considered until a person has reached 18 years of age.

Schools and LGBTQ+ Students

All Schools are required to have a policy relating to LGBTQ+ Students and how they are supported in schools. However each case will be dealt with on an individual basis as to what is best for the students. Discussions will be conducted with Safe guarding team, parents, wellbeing teams and appropriate external agencies involved in the students care.

Where to get more help and support

- Parents and trusted family members
- Teachers and School Staff including School Nurse and Wellbeing Team
- Your Doctor or Community Nurse
- NHS Online
- Young Stonewall: https://www.voungstonewall.org.uk/
- The Proud Trust Local Support groups: https://www.theproudtrust.org
- Friends and Family of Lesbians and Gays: https://www.fflag.org.uk/



PSHE Year 7 Autumn Term: E-Safety & Digital Citizenship



Glossary

E-Safety Strategies and systems to help people stay safe online.

Digital Citizenship Accepted ways on behaving whilst engaging in online activity.

Cyber Bullying The use of electronic communication to bully a person, typically by sending messages of an intimidating or threatening nature

Hacking Gaining access to systems and computers which you do not have permission to access. Can be for malicious purposes.

Grooming When someone uses the internet to trick, force or pressure a young person into doing something they wouldn't normally do, this could be sexual behaviour or radical beliefs.

Digital Footprint The information about a particular person that exists on the internet as a result of their online activity. It can not be deleted.

Where to get more help and support

- Parents and trusted family.
- School Staff and Wellbeing Team
- Directly to the police.
- Report any inappropriate behaviour to the website.
- NSPCC https://www.nspcc.org.uk
- Childline Helpline: 0800 1111(24 hours, every day) / https://www.childline.org.uk
- CEOPS https://www.ceop.police.uk/safetv-centre/

10 strategies for staying safe online

- Don't post any personal information online like your address, email address or mobile number.
- 2. Think carefully before posting pictures or videos of yourself.

 Once you've put a picture of yourself online most people can see it and may be able to download it, it's not just yours anymore.
- 3. Keep your privacy settings as high as possible.
- 4. Never give out your passwords.
- 5. Don't befriend people you don't know.
- 6. Don't meet up with people you've met online. Speak to your parent or carer about people suggesting you do.
- 7. Remember that not everyone online is who they say they are
- 8. Think carefully about what you say before you post something online
- 9. Respect other people's views, even if you don't agree with someone else's views doesn't mean you need to be rude.
- 10. 10.If you see something online that makes you feel uncomfortable, unsafe or worried: leave the website, turn off your computer if you want to and tell a trusted adult immediately.

Digital Footprints and Online Behaviour

A person's digital footprint cannot be deleted and can be accessed at any time through a simple social media or search engine search. To promote a positive digital footprint there are 5 simple rules:

- Would you want your grandmother to see it? Is that photo/video/comment
 appropriate for the wider public audience? Would you want a future partner or
 employer to see it? Once something is online it stays forever.
- 2. Do you really think that is private? Just because your privacy settings are high doesn't mean that someone else can't repost or screenshot what you have posted.
- 3. Would you say it to someone's face? If you wouldn't say it to someone face, don't say it online. Portray yourself in a positive way as this may be seen by future friends, partners or employers.
- 4. Is this your work to publish/use? Reposting or using someone else's work if fine if you credit the original owner creator. If you don't it is plagiarism.
- Would you want someone to do it to you? How would you feel if someone posted a picture of you or made a comments about you that you didn't like or want online?

Online Behaviour and the Law

- The Computer Misuse Act 1990 says you can't impersonate or steal someone else's identity online. This means that writing a status on social media pretending to be your friend is technically against the law as it creating fake profiles or websites.
- It is a criminal offence under the Communications Act 2003 to send messages using any public electronic communications network, such as Twitter or Facebook, which are grossly offensive or of an indecent, obscene or menacing character.
- It is a criminal offence under the Criminal Justice and Courts
 Act 2015 for someone to disclose private sexual images of you
 online or offline without your consent with the effect of
 causing you distress. This is more commonly known as
 'revenge porn'.
- There are a range of other offences which the police can investigate including harassment, harassment when someone fears violence, and stalking under the Protection from Harassment Act 1997.

Each case will be taken on an individual basis looking at context and evidence to determine if a crime has been committed. If you believe you have been the victim of a crime screen shot the evidence and speak to the police.





PSHE Year 7 Autumn Term: Social Media



Glossary

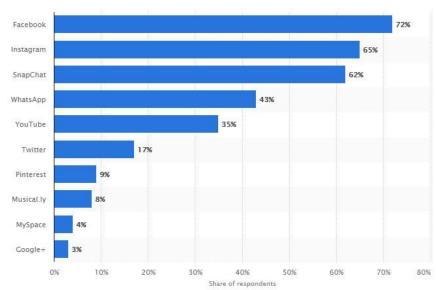
Social Media Websites and applications that enable users to create and share content or to participate in social networking.

Top Tips for staying safe online

- Use a strong password. The longer it is, the more secure it will be.
- Use a different password for each of your social media accounts.
- 3. If you have social media apps on your phone, be sure to password protect your device.
- 4. Be selective with friend requests. If you don't know the person, don't accept their request. It could be a fake account.
- 5. Click links with caution. Social media accounts are regularly hacked.
- 6. Be careful about what you share. Don't reveal sensitive personal information i.e.: home address, financial information, phone number.
- 7. Become familiar with the privacy policies of the social media channels you use and customize your privacy settings to control who sees what.
- 8. Remember to log off when you're done.
- 9. Report any inappropriate behaviour to the site.

Age Restrictions On Social Media 13 14 16 17 18 18 Twitter Facebook Instagram Pinterest Twitter Facebook Instagram Pinterest

These are in the websites terms and conditions and are not legal restrictions.



apps used by children (12-15) in the UK in 2018

Define: WhatsApp

Google+

Tumbir

Reddit

Snapchat

WhatsApp is a messenger app for smartphones. WhatsApp uses the internet to send messages, images, audio or video. The service is very similar to text messaging services, however, because WhatsApp uses the internet to send messages, the cost of using WhatsApp is significantly less than texting.

Define: YouTube

YouTube is a video sharing service where users can watch, like, share, comment and upload their own videos. Users can search for and watch videos, Create a personal YouTube channel, Upload videos to your channel, Like/Comment/share other YouTube videos, Users can subscribe/follow other YouTube channels and users, Create playlists to organize videos and group videos together

Define: Twitter

Twitter is known as a micro-blogging site. Blogging has been around for some time. Usually blogging consists of people setting up basic websites where they write about whatever they want, whether it be politics, sport, cooking, fashion etc. Posting a message is known as a tweet. People make connections by following other people's twitter feeds. Once you click follow, anything that person or organisation says will appear on your timeline.

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Flickr

Define: TBH

short for To Be Honest — is a polling app that lets your friends answer questions anonymously. Essentially it is a big popularity contest, where people received "gems" when they are picked in a poll.

Define: Facebook

Facebook is a website which allows users, who sign-up for free profiles, to connect with friends, work colleagues or people they don't know, online. It allows users to share pictures, music, videos, and articles, as well as their own thoughts and opinions with however many people they like.

Define: Snapchat

Snapchat is a mobile messaging application used to share photos, videos, text, and drawings. It's free to download the app and free to send messages using it. There is one feature that makes Snapchat different from other forms of texting and photo sharing: the messages disappear from the recipient's phone after a few seconds.

Define: Instagram

At its most basic, Instagram is a social networking app which allows its users to share pictures and videos with their friends. Once a user snaps a picture, Instagram filters – of which there are dozens – can transform images in a manner reminiscent of old-fashioned Polaroid prints.

Define: TikTok (formally Musical.ly)

TikTok is an app for creating, sharing and discovering short music videos (15 sec), think Karaoke for the digital age. It used by young people as an outlet to express themselves through singing, dancing, comedy, and lipsyncing.