







Year 7 Autumn Term 2024

Name:





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

English Year 7 Autumn Term 1: My Sister Lives on the Mantelpiece by Annabel Pitcher



Key Vocabulary		<u>Symbolism</u>		
Islamophobia	The fear, hatred and hostility towards Islam and Muslims.	Letters	Angels and clouds Jamie mentions the class reward system often within the book.	
Xenophobia	The dislike of or prejudice against people from other countries; more generally the fear or hatred	Letters are a recurring symbol throughout the novel as it symbolises constant hope that Jamie has in his mother returning. He is either wa for a letter or he is sending one and these signify the most important	iting through the clouds depending on how well behaved they are. However, we can	
Prejudice	Having an opinion that is not based on reason or actual experience.	points in his life.	'amie. Even at school, he cannot escape the memories of his sister.	
Terrorism	The use of fear and acts of violence in order to intimidate societies or governments.	<u>Country vs City</u> The country is a positive symbol as it symbolises an escape and a new	Blue tack rings The rings symbolises the relationship between Sunya and Jamie and the fact that	
Empathy	Being able to understand and share the feelings of someone else.	for Jamie and his family. It also symbolises hope. On the other hand,	the although they may have different beliefs they are brought together in their	
Key Terms		city is a negative symbol as it symbolises a past life and a time of trau Jamie wants to forget the life that he had in the city and the upset th		
Protagonist	Protagonist: the principal or main character in a literary work.	expe Maths: Year 7 Autumn Term 1: Number Skills	turn accepting Sunya.	
Antagonist	the main character in a work of fiction who comes into conflict with the protagonist (hero or heroine). Note that the antagonist does not always have to be a character; it could be a thing or a situation (a monster, a storm, a flood, etc.).	A Spr Hultpilsa and Sactors Order of Operations/BIMAS Place Value and Bounding Multpilsa and Multpilsa Multpilsa and Multpilsa	Urn I so he The urn symbolizes the importance / sentiment of the ashes and how the death	
Foreshadowing	to give a suggestion of something that will happen in the story.	- Portal de contraction de la	l of mantelpiece – the focal point of the room and shows how her death is the focal	
Exposition	this also refers to the first stage of a plot, in which necessary background information is provided	Jami	s that I point for the family. The father's attachment to the urn shows how he can't let go of Rose and struggles to come to terms with her death.	
Conflict	a struggle, disagreement, or difference between opposing forces in a literary work, usually resolved by the end of the work.	Contact		

Key Quotes

- "My sister Rose lives on the mantelpiece. Well, some of her does. A collarbone, two 1. ribs, a bit of skull, and a little toe."
- "Sometimes when I wake up, I forget that she's gone and then I remember and my 2. heart drops like it does when you miss a step or trip over a kerb."
- 3. "In fact she was quite bad and according to Jas she was naughty at school, but no one seems to remember that now she is all dead and perfect."
- "I swallowed all the doubt and all the disappointment and all the anger and they 4. were almost too big, like vitamin pills that are difficult to get down even with water."
- "If envy is red and doubt is black then happiness is brown. I looked from the little 5. brown stone to the tiny brown freckle to her huge brown eyes."

Context

- London bombings of 2005, also called 7 July attacks or 7/7 attacks, • They were coordinated suicide bomb attacks on the London transit system on the morning of July 7, 2005. • At 8:50 AM explosions tore
- through three trains on the London Underground, killing 39.
- An hour later 13 people were killed when a bomb detonated on the upper deck of a bus in Tavistock Square.
- More than 700 people were injured in the four attacks.

He is ten years old and he is the narrator of the story. He is a typical ten year Jamie old who enjoys football (especially Wayne Rooney) and superheroes.

She is Jamie's older sister who is fifteen. She looks after Jamie like a mother. Jas Dad He used to work in construction but has struggled to stop drinking. She used to be a teacher. She moves away with Nigel after an affair. Mum Leo He is Jas's punk boyfriend with green hair. Nigel Nigel is Mum's boyfriend who she met at a support group after he lost his Nigel wife. A ten year old Muslim girl in Jamie's class at school. Sunya







English Year 7 Autumn Term 2: Viewpoint Writing

Plan

- 1. Generate some ideas <u>for</u> and <u>against</u> the statement.
- 2. Choose your viewpoint.

3. Develop your ideas using the	Ficture the scene. Statistic: Recent studies show that	A bold statement using a triple: Teenagers are, and always have been, immature, reckless and impulsive.	! () "" " . , ? Advanced		
Smoking is bad hospita for your health ^{and/or lo}	papelo requiring What springs to mid when you	Stopping children from playing utside, will lead to them becoming entally fragile" says What makes an excu- In conclusion/Toconclude / Overall ARE BANNED	<pre>!() "" " .,? ;: ellent conclusion? Use a rule of three: Animal testing is outdated. Animal testing is cruel. Animal testing kills.</pre>		
Anecdote	A story that illustrates and reinforces your viewpoint	I – You – We: I think Act now	ve: Concluding phrase:		
Statistics	Numerical facts	We know OR Ad	banning animal testing are clear:		
Direct Address	Speaking to your reader – 'you/your/we'	Your worry is Sur	, if you want to rely, there can be doubt as to		
Rule of three	Three powerful adjectives				
Facts	Something that cannot be argued with				
Expert opinions	A personal thought or feeling from someone with authority (Dr, pr	rofessor, celebrity, MP etc.)			
Rhetorical Questions	A question designed to make your reader think				
Repetition	Using a word/ phrase more than once to create a particular effect				
Address the counter argument	Explain what some people who have a different view to you might say, then knock down their argument				
Discourse markers	Linking words and phrases (obviously, clearly, unequivocally)				

Let's look a little closer...

What makes a good introduction?

Start with a theory:

What if ?

Get the reader to put themselves in a

Imagine a world where... Imagine a world where... Imagine a world where... This

situation:

could be the reality if...

Basic

.,?

Intermediate

Maths Year 7 Autumn Term 1: Number Skills

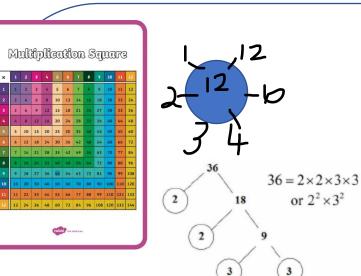


Topic

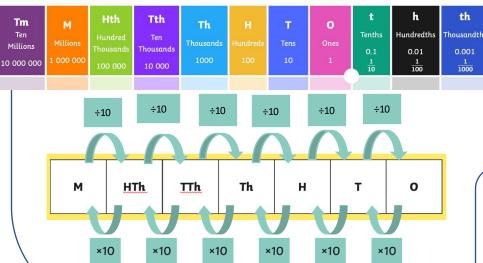
- Multiples and Factors
- Order of Operations/BIDMAS ٠
- Place Value and Rounding ٠
- Multiplying and Dividing •
- Negative numbers

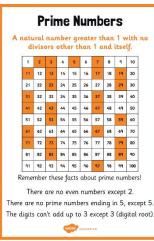
Key words

- ((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



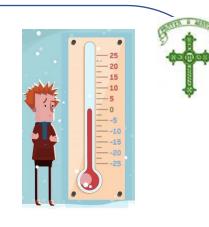
Place Value





th

1 1000

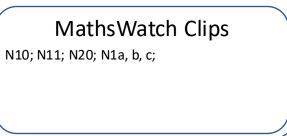


Remember **BIDMAS** is the agreed order of operations in Maths:

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.



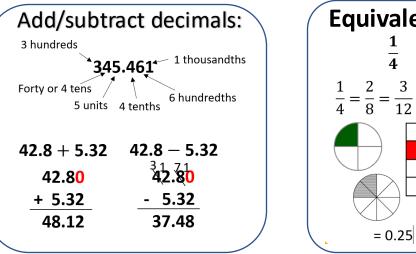
Maths Year 7 Autumn Term 2: Decimals

Key concepts:

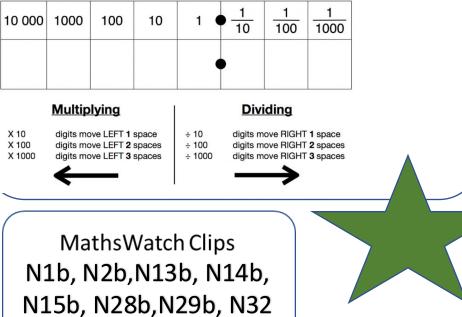
Place value:

<u>Th H T U.t h th</u>

- 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.



Key Concept: Multiply/Divide by powers of 10



Equivalence: $\frac{1}{4}$ $\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16}$



Key Words

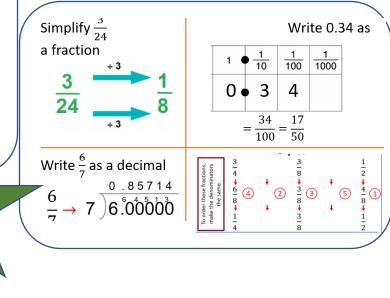
Decimal: A number that contains a point **Fraction:** A fraction is made up of a numerator (top) and a denominator (bottom).

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.



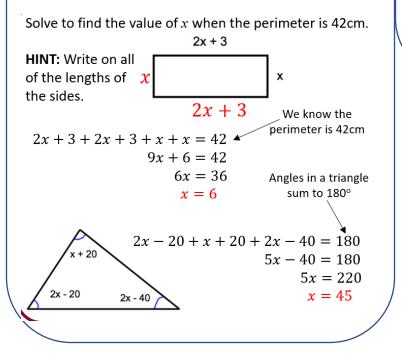
Maths Year 7 Autumn Term 2: Equations

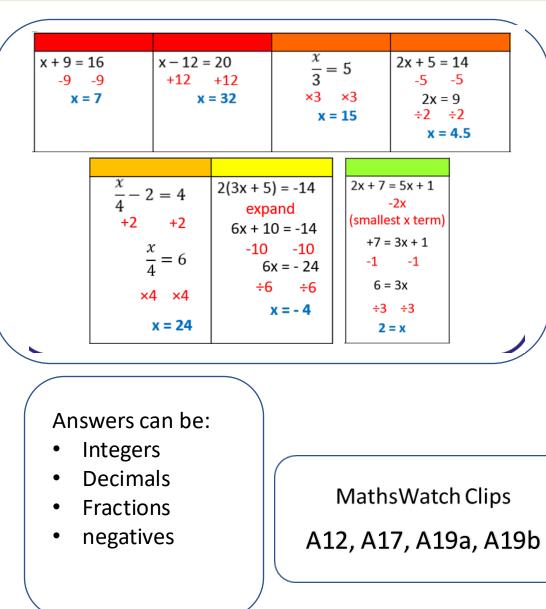
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Algebra can be used to support us to find unknowns in a **contextual problem**.

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.





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

Rearranging an equation: Working with inverse operations to isolate a highlighted variable.

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:

different

ways that

energy can

system

maintain (a

quantity such

as energy) at

a constant

overall total

Energy

pathway: How

energy is

transferred

from one

pathway to

another

STATE OF MATTER



Light energy 10 J

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

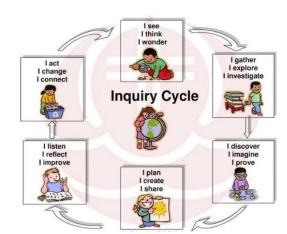
Impure: A material with more than one substance in it is impure



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

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

Glossary:

Prediction:

what you think

will happen.

Hypothesis: an

idea or a theory

that hasn't

been tested

Analyse:

examine

methodically

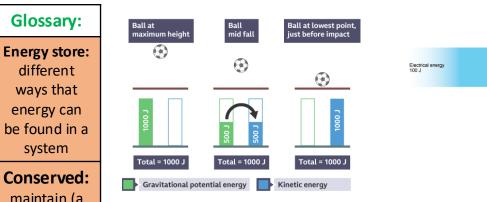
and in detail

Variable: a

factor that can

vary or change

- 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.



- The SI unit of energy is the joule (J) **Key points**
- 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 distance
- electrical working when charge flows (electricity)
- heating when energy is transferred between hotter and colder regions
- radiation when energy is transferred as a wave, for example as light or sound

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.



Science Year 7 Autumn Term 2: Forces and Magnetism, Microscopes and Cells



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.

<u>Upthrust.</u>

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.

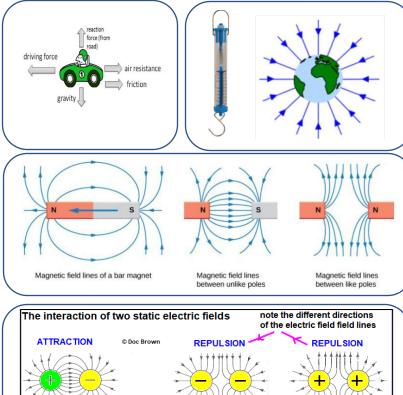
The force acting on an object due to gravity. Magnetic Force. The force exerted by a magnetic field on a magnetic material. Electrostatic Force. The force that acts between two charged objects.

2.

3.

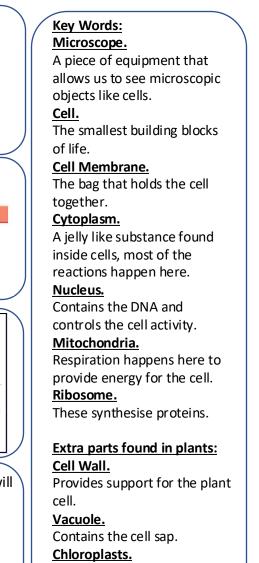
Newtons.

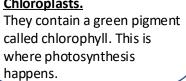
The units of force.

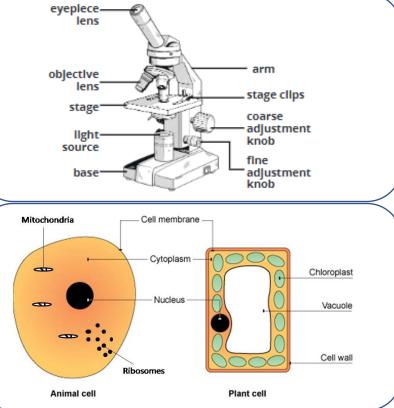


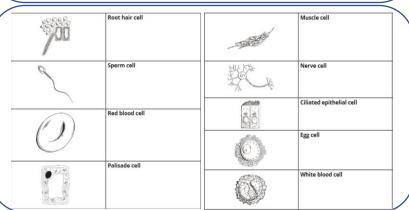
attraction of oppositely charged objects positive and a negative object

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









RE Year 7 Autumn Term 1 Unit 1 – The Trinity Through Scripture



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RE Year 7 Autumn Term: Unit 2: The Mass and Places of Worship



Transubstantiation = the bread and wine is ACTUALLY the body and blood of Jesus.

Eucharist - Holy Communion, Lord's Supper. A sacrament to receive the body and blood of Jesus.

Church – Place of worship for Christians.

Mass - The reenactment of the Last Supper and a celebration of the resurrection of Jesus.

- Features of a Catholic church 1. Altar 2. Lectern
- 3. Font
- s. Font
- 4. Crucifix
- 5. Stain glass windows
- 6. Stations of the cross

The Origins of Mass

Mass started when Jesus shared the Last Supper with his disciples before his death.

He instructed them to carry on this tradition and this became what we know as Mass.





- 1. Sign of the cross
- 2. Penitential Rite
- 3. Creed
- 4. Bible readings
- 5. Gospel
- 6. Homily

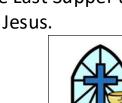
7.

- Eucharistic Prayer
- 8. Communion
- 9. Blessing and Dismissal

The Eucharist

The Mass is the re-enactment of the Last Supper and a celebration of the resurrection of Jesus.

- ✓ Worship God
- ✓ Thanksgiving
- ✓ Forgiveness
- ✓ Celebration



Source of Wisdom and Authority

"Do this in memory of me"





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



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Glossary:		Change ove	er time – How to get cl	ean water?	, Î,	ef CALCUTTA Catholic Academy Tru
The arrangement of events in the order in which they happened.	Roman Britain	Medieval	Early Modern	Industrial Revolution	Modern	1. Gradual 2. Sudden
The process of keeping places free from dirt, disease and infection by removing rubbish and human waste (sewage).			题			What is
Communal toilet, built by the Romans	AD 43- AD 410			AD 1750- AD 1900	AD 1900- today	Change?
A hole in the ground dug to dispose (get rid) of sewage, used in the Medieval era	Conduits	Wells	Water sellers	Water pumps	Taps	
nay or sewage, used in the medicial era		Change over	er time – How to dispo	ose of sewage?		1 Stop/start
A toilet found in a shed outside a house, used from the 1800s – the Industrial Revolution era					3. Steady	↓ 5. Fast and
A channel for transporting water, first used by the Romans	Latrines	Cesspits	Cesspits and water	Privy	Flushing	dramatic
	Latines	Cesspits	closet	i i i vy	private toilet	
A disease caused when drinking water is contaminated with human sewage.		Questions to ask		Significance	private tonet	
A life threatening illness caught when food and water was contaminated with human sewage.		1. Who made impo discoveries?	r tant Dr John Snow	1854 He discovers t died had drunk the link between dirty w	same water. He was	
A widespread occurrence of an infectious disease affecting a community at one time.		2. What did the government do to h		The government app and build 1300 mile Great Stink. It saved	s of sewers across Lo	ondon after the
A group of people with the authority to rule a country	significance	- Art	Public Health Act	ACT forced local cou houses had piped w Manchester built a S the Lake District to t	incils to clean up tov ater and toilets links 96 mile conduit to br	vns. All new to sewers.

Chronology

Sanitation

latrine

cesspit

privy

conduit

cholera

Typhoid

Epidemic

government

Etymology (origins of the word) Sign: Latin – 'a mark.'

3. What scientific discoveries were made?

Louis Pasteur's germ theory

between specific germs and cholera.

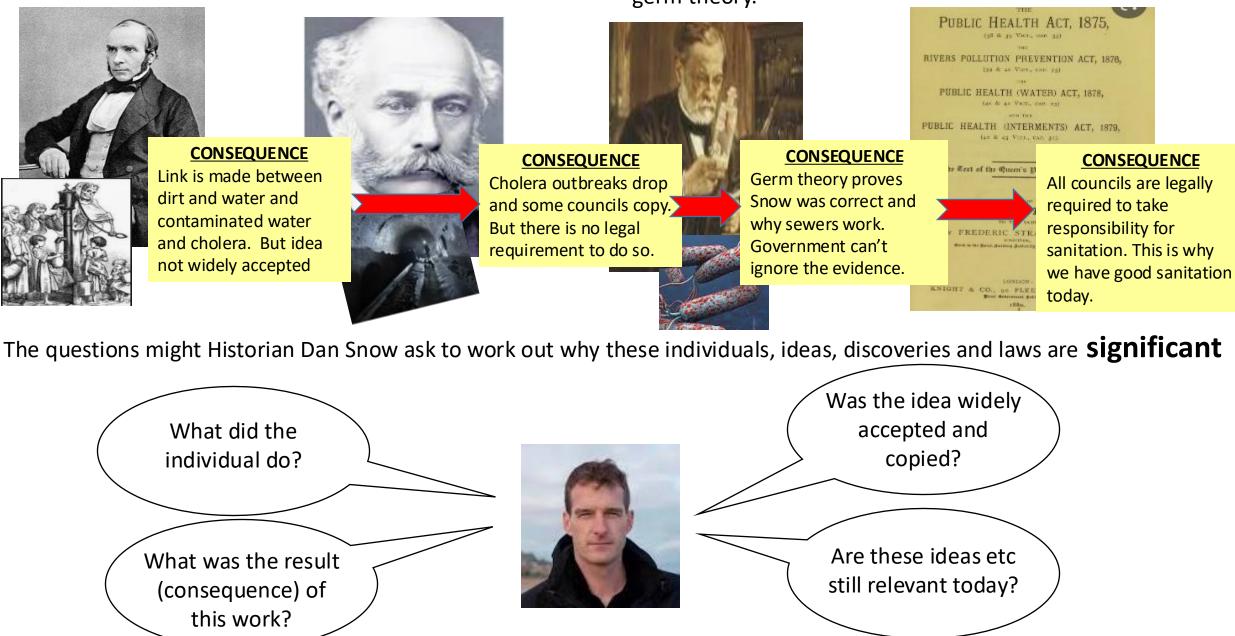
Dm 1860 Louis Pasteur discovers micro-organisms called germs that cause disease. Scientists make the link

Snow discovers cause of cholera.

Government pays Bazalgette builds 1300 miles of sewers.

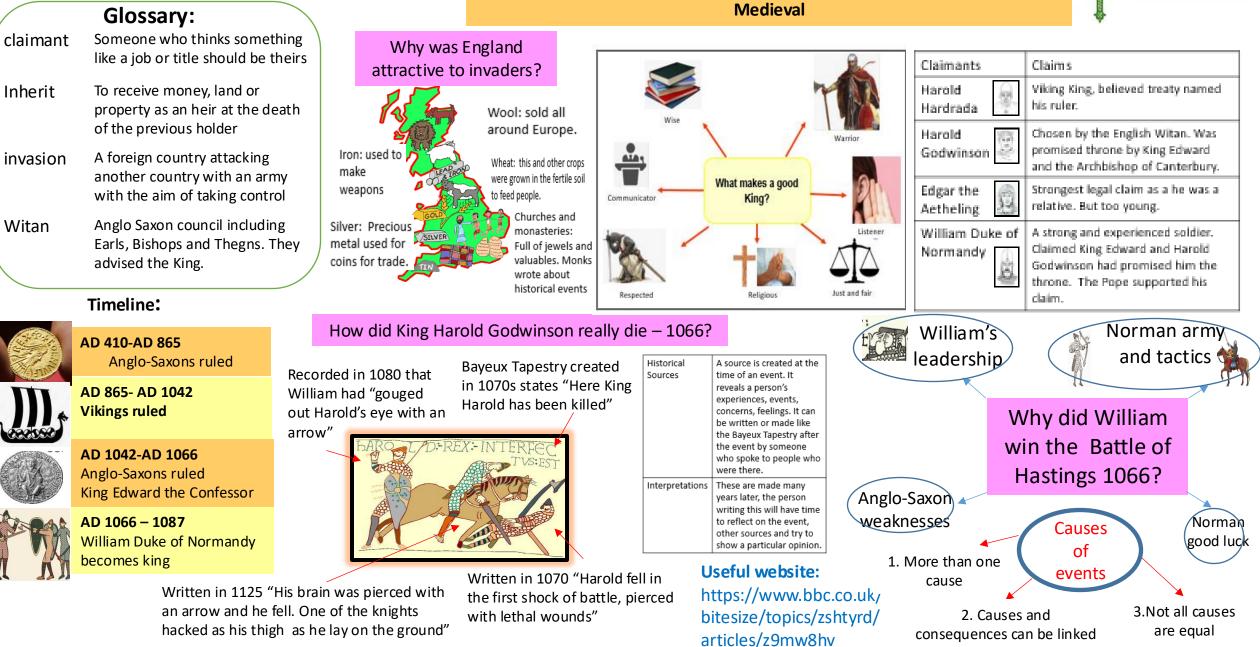
Pasteur discovers germ theory.

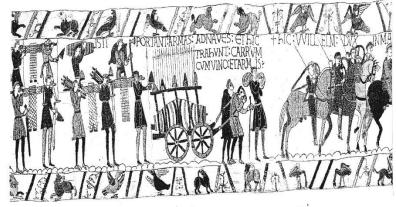
1875 Public Health Act forces All councils to clean up and improve sanitation.



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





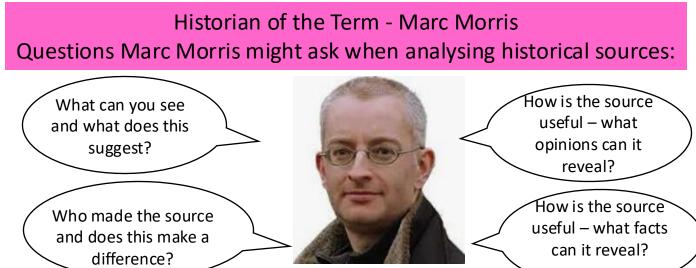


The ships are loaded with armour, weapons, soldiers



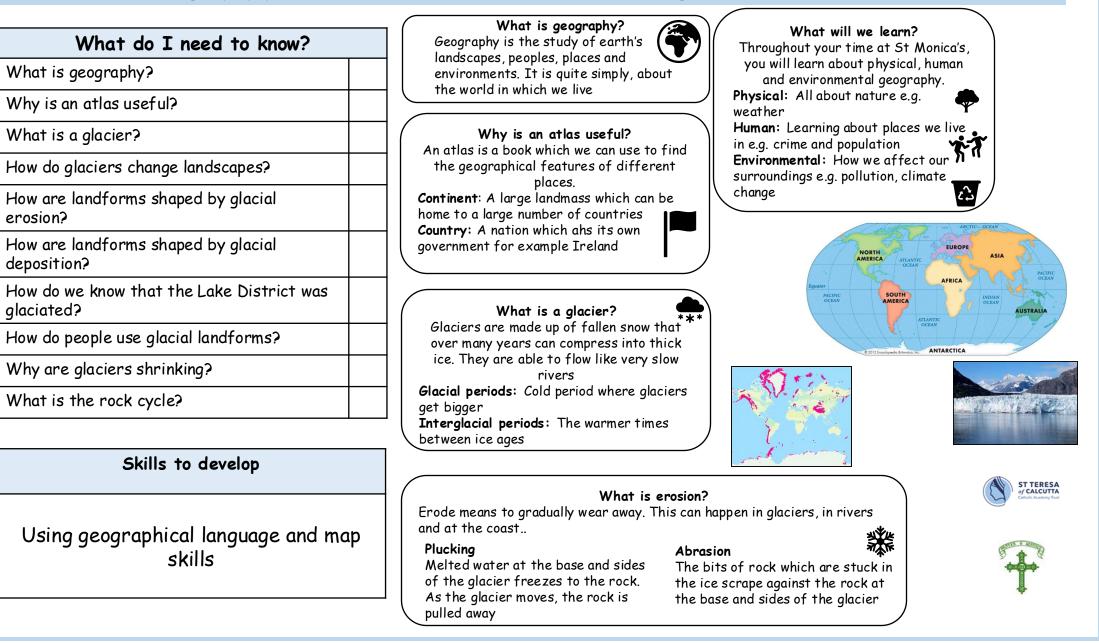




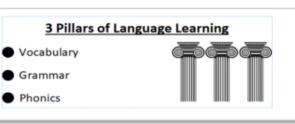


Fact	s about the Bayeux Tapestry			
Date made:	Around 1077, this tapestry is 70 metres long.			
Who made it?	Probably on the orders of Odo, William's half-brother, who was at the Battle of Hastings.			
Why was it made?	Probably to to celebrate and commemorate William's victory.			
How useful is the Tapestry – 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?



Year 7 Spanish Knowledge Organiser





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
l prefer	Prefiero
I would like	Me gustaría
I am going (I go)	Voy a
l 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':

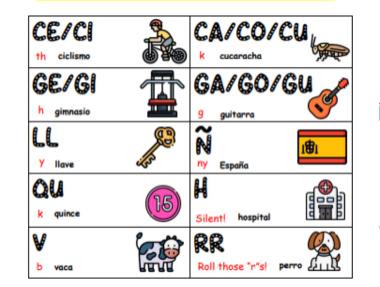
singular		plural	
masculine	el tigre (the tiger)	los tigres (the tigers)	
feminine	la jirafa (the giraffe)	las jirafas (the giraffes)	
el búfalo (la cebra (f		us (m) 5. <u>el</u> <u>zorro</u> (m) 6. <u>las</u> jirafas (f)	

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

- The following strategies can help you learn vocabulary:
- Look, say, cover, write, check

2.

- 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.



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Year 7 Music Half Term 2: Keyboard Performance



Glossary:

Tempo – the speed of music

Pitch – how high or low a note is

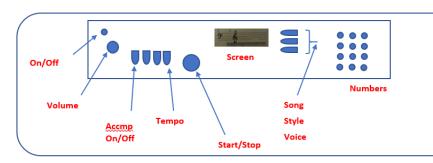
Rhythm – the pattern of long & short notes

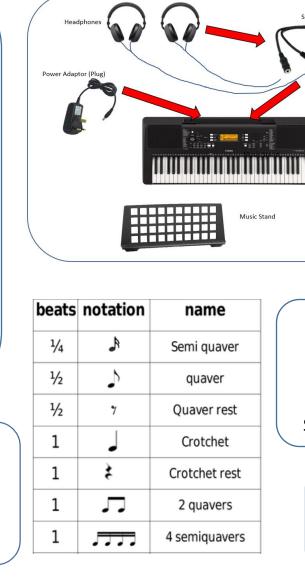
Technique – how well you control your instrument

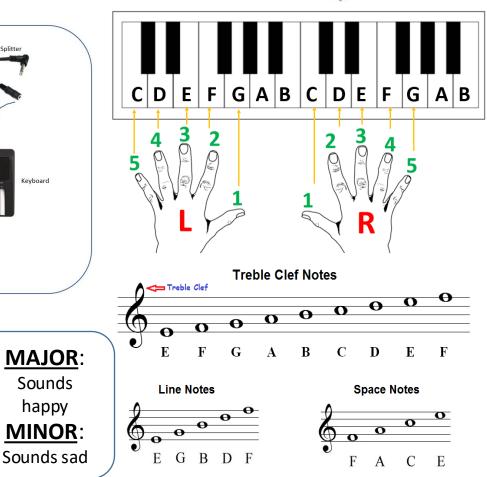
Fluency – how smoothly you can play the music

Chord – 2 or more notes played at the same time

Accompaniment – music that provides a background for the main tune



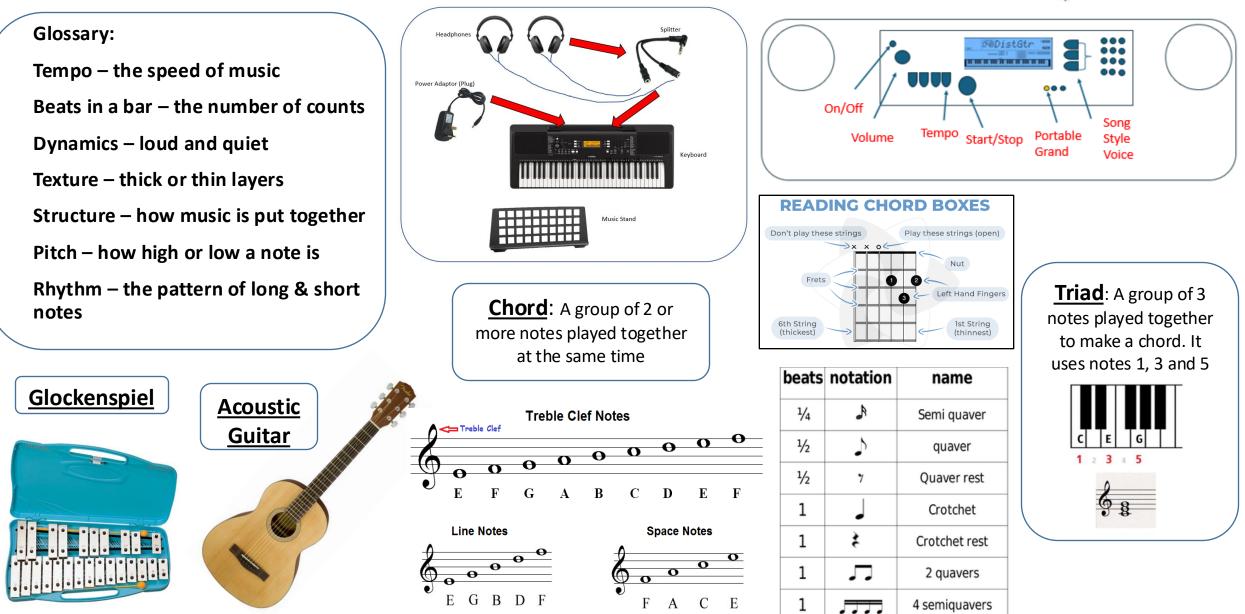




Ode to Joy Easy version: <u>https://youtu.be/wMhu0j391rU</u> Ode to Joy Medium version: <u>https://youtu.be/qrAHvk7LVoE</u> Ode to Joy Hard version: <u>https://youtu.be/eC1cRedWcJM</u>

Year 7 Music Half Term 1: Class Ensemble Performance





Art - Year 7 Autumn Term Tone and Colour

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Looking at artists

Looking at the work of the masters: title page Artist research page: Andrea Joseph Artist inspired shoe arrangement drawing Looking at the work of Georgia O'Keefe Reading across the curriculum: article and comprehension questions

Developing and experimenting

Experimenting with mark making linked to Andrea Joseph

Experimenting with tone

Experimenting with colour mixing: colour wheel, colour theory and oil pastel development Planning a final outcome

Drawings

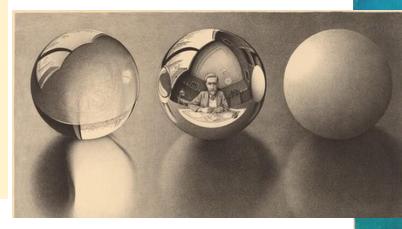
Observational drawings of shoes Observational drawings of flowers

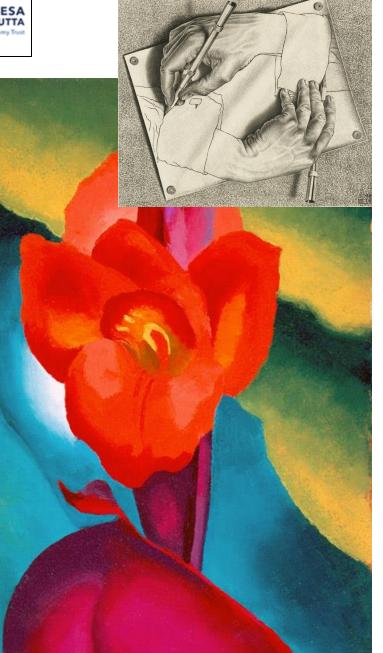
"Do Now" tasks and Homework tasks

Final Outcomes

Andrea Joseph inspired shoe arrangement drawings using pen, pencil, coloured pencil crayons Georgia O'Keefe inspired oil pastel flower







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 ٠
- Food Standards Agency https://www.food.gov.uk/food-safety
- https://www.ifst.org/lovefoodlovescience ٠
- https://www.nutrition.org.uk/
- https://quizlet.com/240309265/gcse-food-preparation-nutrition-keywords-flash-cards/ ٠

Key Knowledge:

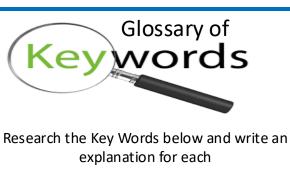
- Know the difference between Health and Safety and Food Safety
- Describe how to keep food safe Bacteria)
- Know and understand how to prevent bacterial contamination.
- Recognise the symptoms of food poisoning.
- Understand the food safety principles when storing food.
- Describe the term cross contamination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

Quick Test (use the internet to research the answers)

- 1. What are bacteria?
- What would happens if food is prepared incorrectly and then eaten?
- On food packaging what do you need to check before buying the food?
- Explain the term cross contamination.
- What is the bacteria found in chicken called?
- Can food poisoning be deadly? 6.







• Health and Safety

• Food Safety

Cross Contamination

- Food Poisoning
- Bacteria

Music Year 7 Half Term 1: Introduction to Keyboards

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Glossary:

Tempo – the speed of music

Pitch – how high or low a note is

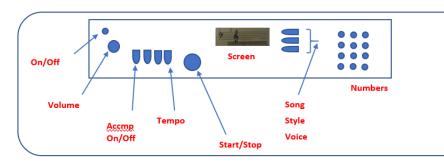
Rhythm – the pattern of long & short notes

Technique – how well you control your instrument

Fluency – how smoothly you can play the music

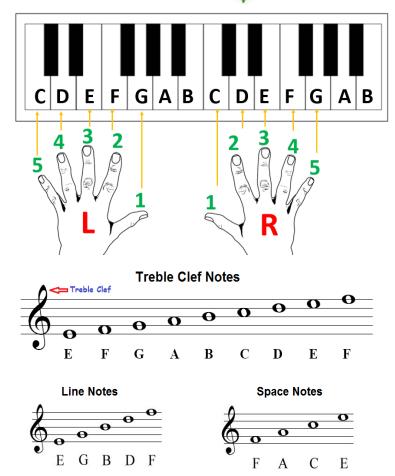
Chord – 2 or more notes played at the same time

Accompaniment – music that provides a background for the main tune





beats	notation	name	
1⁄4	Å	Semi quaver	
1⁄2	. >	quaver	
⅓	7	Quaver rest	
1	-	Crotchet	
1	ž	Crotchet rest	
1		2 quavers	
1		4 semiquavers	



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

Drama Year 7 Autumn Term 1: Roald Dahl





Physical Skills

Facial Expression

Using your face to communicate character emotion and reactions.

• Body Language

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

• Levels

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

• Gestures

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



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Drama Techniques

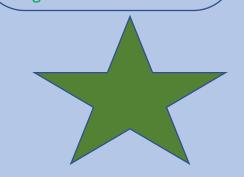
Tableaux: A living picture showing a moment in time as though a pause button has been pressed **Body as Prop:** Using performers' bodies to create inanimate set/props

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.



Confidence

Communication

Cooperation

Creativity

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.

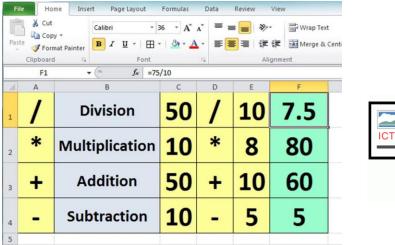
If you share too much information you can put yourself at risk, not all information is true and accurate. There are lots of fake news stories and images have been manipulated to look different. Always check your privacy settings.



Video Games

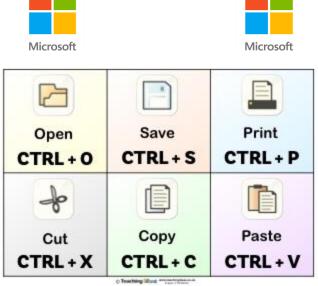


Computer Science Year 7 Autumn Term 1: ICT Knowledge



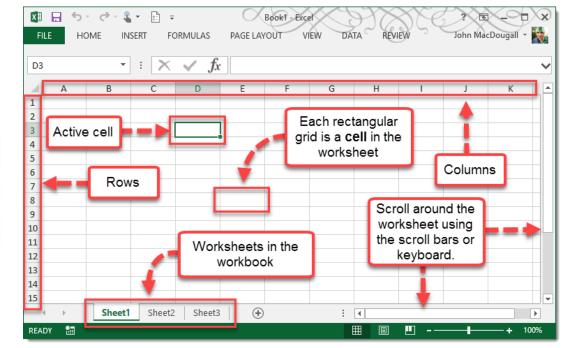


Don't forget to always start with = when writing a formula.



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



Health Related Fitness -**Benefits of Physical** Activity • Short term Effects of

- Exercise
- Anatomy Vocabulary
- Balance, Speed, Strength, Cardiovascular Fitness

Dance

Knowledge of techniques, styles and forms.



Sports/Activities taught

Netball Football Hockey Handball Cricket Rounders **Basketball** Table Tennis

Strategies to overcome opponents in competitive sport (Games) Teamwork • Rules & regulations • Fundamentals of

Movement



- 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. ٠
- Commitment, Resilience & Respect across the learning journey. ٠

PSHE Year 7 Autumn Term: Identity

Glossary A person who generally does not experience sexual attraction to any group of people A gender expression that has elements of both masculinity and femininity Androgyny **Biological Sex** The physical anatomy and gendered hormones one is born with. A person who experiences sexual, romantic, physical, and/or spiritual attraction to people of their own gender as well as another gender 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 Where a person experiences distress due to a mismatch of their biological sex and Dysphoria their gender identity. A medical definition for a person who is attracted to someone with the other gender. **Heterosexual** A medical definition for a person who is attracted to some one with the same gender. Homosexual 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

Asexual

Bisexual

Cisgender

: Gender 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 Identity 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.

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- 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

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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 ٠
 - Teachers and School Staff including School Nurse and Wellbeing Team
- ٠ Your Doctor or Community Nurse
- NHS Online ٠

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- Young Stonewall: https://www.youngstonewall.org.uk/ .
- ٠ The Proud Trust – Local Support groups: https://www.theproudtrust.org
- Friends and Family of Lesbians and Gays: ٠ 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 <u>https://www.nspcc.org.uk</u>
- Childline Helpline: 0800 1111(24 hours, every day) / https://www.childline.org.uk
- CEOPS https://www.ceop.police.uk/safety-centre/

10 strategies for staying safe online

- 1. 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. 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:

- 1. 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.
- 5. 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 <u>speak to the police</u>.



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

- 1. Use a strong password. The longer it is, the more secure it will be.
- 2. 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.
- 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

Snapchat	13 Twitter Facebook Instagram Pinterest Google+ Tumblr Reddit Snapchat	14 Linkedin	16 WhatsApp	17 Vine Tinder	18 Path	13 with parent consent) YouTube Keek Foursquar WeChat Kik Flickr
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These are in the websites terms and conditions and are not legal restrictions.

Define: Twitter

Twitter is known as a micro-blogaina

some time. Usually blogging consists

of people setting up basic websites

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

organisation says will appear on your

short for To Be Honest — is a polling

questions anonymously. Essentially it is

people received "gems" when they

app that lets your friends answer

a big popularity contest, where

where they write about whatever

they want, whether it be politics,

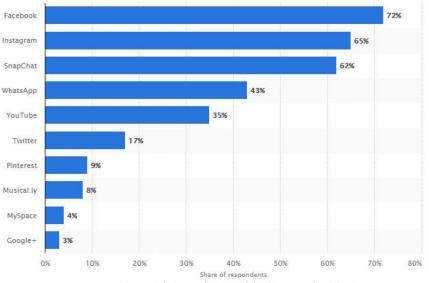
follow, anything that person or

timeline.

Define: TBH

are picked in a poll.

site. Blogging has been around for



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

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.

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: Instagram

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.

Define: WhatsApp 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