

# Knowledge Organisers Summer Term – Year 8

Name: \_\_\_\_\_

Please remember:

- It is to be kept inside your knowledge organiser book
  - It is to be brought into school every day

Regular retrieval throughout a scheme of learning (daily, weekly and monthly) has been proven to **reduce the rate of forgetting**, supporting you to **retain more** in long term memory- making assessments/ exams way easier! The challenge for you as a student is to make sure you use your knowledge organiser for each subject properly to help you to know more and remember more over time. We've created this walk through to support you in using your knowledge organiser- for more support speak to your subject teachers.

# Using your Knowledge Organiser



1	2	3	4	5
Look	Cover	Write	Check	Repeat
Start with a small section of knowledge	Now cover up this section of your	Self quiz- what can you remember and	Remove the post it and check for	After a short break away from your
that you want to remember e.g Henry	knowledge organiser with a post it note	rewrite? Make sure you do this without	accuracy- did you get the key	knowledge organiser repeat the look,
VIII's wives in History. Read through this	or scrap paper.	looking back at your knowledge	terminology? Was it spelt correctly?	cover, write, check <b>until you can recall</b>
section of the knowledge organiser (a		organiser.	Was the order correct? If you drew a	all of the facts correctly without
couple of times if it helps)			diagram, how much of this did you get	prompts.
			correct?	
				This process can be used for any new
			Most importantly- what did you miss	knowledge that you want to acquire. It
			out?	is good idea to do this on a regular
				basis, once a week.

Strategy 1- Look, cover, write, check – A really simple but effective way to use your knowledge organiser. Focus on a specific area of your knowledge organiser.

1	2	3	4	5
Focus	Big ideas	Explain it	Link it	Record it
Make it manageable by selecting an	Pick out the main points or the <b>big</b>	Explain what you know about the main	Now, see how it links to other areas	Write down as many 'think it, link it'
area of your KO where your learning is	ideas in this section.	points (this could be written or shared	within the subject. E.g Eating meat –	ideas as you can in your book. See if
not secure. Don't waste time going off		verbally – a friend, a family member.	causes global warming. Cows produce	you can beat others in you class!
something you can already do!			methane which is a greenhouse gas.	

Strategy 2- Think it, link it – Great for connecting the big ideas in your subject. How does 'x' relate to 'y'. What are the key factors which make an equation/ experiment/ process work? Challenge yourself to see how many links you can make!

1	2	3	4	5
Select topic	Prepare quiz	Answer it	Self check	Repeat
Decide which area you want to be	Get someone else to prepare 10	Set a time limit (depending on the	Now look at your KO to self check-	Return to this section in 2/3 weeks- see
quizzed on (this might build up over	random questions on that topic to	number of questions) and answer the	make a note of your score. Celebrate	if you can improve your score! Re-do
time)	challenge you.	questions without looking at your KO.	your successes and make a note of	those questions that you missed or got
			anything you missed or got incorrect.	incorrect.

Strategy 3- Knowledge quiz – You might try this after a few weeks of using your knowledge organiser. Get someone to set you 10 questions using your knowledge organiser. These could be spellings, key words, processes, equations etc to see how much you can remember! Record your score and see if you can beat your personal best each half term!22

# **Contents Page**

Pages	Subject
4 - 9	English
10 – 17	Maths
18 – 20	Science
21 – 22	Art
23	Textiles
24 – 27	Computing
28	Drama
29 – 30	Music
31	Design Technology
32	Engineering
33 – 34	Food Technology
35 – 36	French
37 – 38	Geography
39 - 42	History
43	PRE



SWB V8 - English - Mastery Writing 1 - Story Writing Model Example		Key terms	Definition
	A	Adjective	A word which describes a noun: <b>Example:</b> sweet, short, bitter, stinky
You will receive a set of pictures like these. You will	В	Adverb	Describes a verb or adjective. An adverb answers how, where, when how much, how often. <b>E.g.: quickly, easy and never.</b>
need to practice your writing working on the rules you've been doing in that lesson, and	С	Complete Sentences	A sentence which contains a subject and a verb. <b>Example:</b> She went to the shop
the lessons before.	D	Complex Sentences	A sentence containing a subordinate clause
The next night, he began to practice	E	Conjunctions	A conjunction is a part of speech that connects words, phrases, or clauses. <b>Example:</b> for, and, but.
Alex	F	Dialogue	Speech between teo or more people.
I have introduced my main subject	G	Fused Sentences	A sentence which has not used punctuation between the next subject. <b>Example:</b> She went to the shop she bought some milk.
(n).I have told the audience where they are.	Н	Indent	Starting the first line of a paragraph further away from the margin than other paragraphs.
Alex was playing the violin for his parents, Carol and Piotr and his cat, Misty in their living	I	Personal Pronoun	A first person word which replaces a name, like "we, I" etc.
my story in paragraphs. I have indented	J	Simple Sentences	A sentence with one clause, one subject and one verb. <b>Example:</b> Jack likes fishing.
(h) my paragraphs. room and looked at his poster of his hero. The next night, he began to practice in his bedroom. He practiced to Misty, who	К	Subordinate Clause	A clause which does not make sense on its own. (e.g. 'when it rang' in 'she answered the phone when it rang').
I have written in seemed to enjoy his violin playing now. Show how my character is feeling.	L	Verb	A word which describes an action <b>Example:</b> read, write, drive, walk.
sentences (d).       The courage to play for his family again.         Carol, Piotr, Misty and their friends were       I have solved	м	Complication	Something which causes a difficulty for a character.
I have used simple sentences (j)       delighted at how good the piece of music sounded.       the problem.	Ν	Subject	The person or thing doing the verb in the sentence.
throughout my work. Alex was happy too.	0	Singular/plural	Singular means one and plural means more than one. 5





#### Year 8 – English – Animal Farm – Plot and Key Quotations Boxer's Fate: Rebuilding the Windmill and the Execution: Snowball's Expulsion : Animal Farm is a republic. **Pigs as Leaders:** A. The animals begin to go hungry. Α. Boxer is injured and Napoleon The hens are told to give up their eggs. They Β. Old Major's speech : A. Mollie leaves the farm. Α. Snowball sets up meetings sends for a vet. refuse. The pigs gain power and C. A van arrives but Napoleon and Snowball make the animals vote. Mr Jones falls asleep, drunk. Α. but Beniamin reads the C. Napoleon stops feeding araue. Β. Old Major delivers a speech C. Snowball and Napoleon side and learns that Boxer is them and nine hens starve. arguing the continue to disagree. B. Snowball brings being slaughtered. Several 'traitors' are executed. D. D. Snowball is expelled case for a rebellion. D. Squealer tells them otherwise. literacy to the animals. E. 'Beasts of England' is outlawed. from Animal Farm. C Sauealer gives milk and apples to the pias. The Rebellion: **Building the Windmill:** Pias and Humans Come Together: **Destruction of the Windmill:** Battle of the Cowshed: A. Old Major dies and the A. Napoleon trades with humans. A. Another change in the commandments. pias create Animalism. Frederick tricks Napoleon. Frederick and Α. The pigs walk on two legs. Β. The rebellion happens The pigs begin sleeping in beds. Β. others attack the farm. The commandments are replaced. A. A group of men try to seize Β. when Mr Jones Several animals die, Boxer is injured. C. The pias carry whips and wear Mr Jones' the farm. forgets to feed the C. Muriel and Clover B. Napoleon says that drinking alcohol is punish clothes. notice a change in the commandments animals. able by death. D. Animals cannot tell the Led by Snowball, the animals Β. D. A storm topples the windmill, Napoleon C. Milk disappears. difference between pigs and humans. repel the attack. blames Snowball. Chapter 1 and 2 Chapter 3 and 4 Chapter 5 and 6 Chapter 7 and 8 Chapter 9 and 10 "They had been slaves and now they "THE SEVEN "No one dared speak his mind, WORK were free, and that made all the COMMANDMENTS: when fierce, arowlina doas "All that year the animals worked "I will work harder!" roamed everywhere, and when difference, as Squealer did not fail to 1. Whatever ages upon like slaves. But they were happy in point out." you had to watch your two leas is an enemy. their work." comrades torn to pieces." 2. Whatever goes upon four leas, or has wings, is "Four leas good, two a friend. "All animals are equal but some are leas bad." 3. No animal shall wear VIII "Some of the animals more equal than others." "The human beings did not hate clothes. VIIII remembered -- or thought they Animal Farm any less now that it 4. No animal shall sleep in remembered." was prospering; indeed, they "I have no wish to a bed. hated it more than ever." 5. No animal shall drink take life, not even alcohol human life,' repeated 6. No animal shall kill any Boxer, and his eyes "'No animal shall kill any other other animal. were full of tears." ÷ animal.' And though no one 7. All animals are equal. cared to mention it in the "The creatures outside looked from "They were always cold, and hearing of the pigs or the dogs, it "Napoleon is always pig to man, and from man to pig, usually hungry as well." was felt that the killings which riaht." "All men are and from pig to man again; but had taken place did not square

with this."

already it was impossible to say 8

which was which

enemies . All animals

are comrades.'

Year 8 – English – Animal Farm – Context and Characters	Key	yword	Definition
ACADEMY	A	Rebellion	An act of armed resistance to an established government or leader.
Napoleon's treatment Communism (i) under Use of fear and Use o	В	Seize	To take hold of suddenly and forcibly.
similar to how the box bad as the leaders box bad as the leader bad as the leader bad as the leader bad as the le	С	Repel	To drive or force (an attack or attacker) back or away.
bits     citizens in 'The     bits     bits     citizens in 'The <td>D</td> <td>Expulsion</td> <td>The action of forcing someone to leave an organization.</td>	D	Expulsion	The action of forcing someone to leave an organization.
the 20 <sup>th</sup> Century.	E	Execution	The carrying out of a plan, order, or course of action/the carrying out of a sentence of death on a condemned person.
Leaders     Lenin       Old Major     Mr Jones	F	Republic	A society in which power is held by the people and their chosen people to represent them.
The wise old pig who Drunken owner of the farm. Represents the harshness of man. (i), a society where everyone shares their wardth	G	Naivety	Lack of experience, wisdom, or judgement.
	Н	Trades	The action of buying or selling goods.
Squealer       Napoleon       Snowball       Wanted revolution and Communism but disagreed	i		A type of society where everyone shares their money and earns the same.
Napoleon. Symbolises the use of propaganda toCorrupt (m) pig who becomes a dictator.The opposite of Napoleon. Devoted to helping and educating animals.assassinated by Stalin.Joseph Stalin	J	Propaganda Communism	The spread of misleading or false information for a specific cause (often political).
control the animals. Snowball. Ruled the Soviet Union. Had a secret police force and killed	К	Corrupt	Acting dishonestly for personal gain.
Citizens Clover D	L	Allegory	A story which can be interpreted to have a hidden meaning.
Used as tools by Napoleon to scare Napoleon to scare	М	Corrupt	Acting dishonestly in order to benefit yourself.
and intimidate other animals.	Ν	Purge	To get rid of people or things. 9







SWB SADENY Year 8 – Maths – Mastery Unit 11 – Angles in Polygons	Keyword/Skill	Definition/Tips
Sum of Interior Angles	Quadrilateral	A shape that has four straight sides
If we separate a polygon into triangles like these examples,	Polygon	A 2D shape with only straight edges.
the number of triangles is 2 fewer than the number of sides. So the sum of the interior angles is:	Regular	A shape is regular if all the <b>sides</b> and all the <b>angles</b> are <b>equal</b> .
$(n-2) \times 180$ $(n-2) \times 180$	Irregular	A shape is irregular when the sides and angles are not all the same size
(Where n = the number of sides)	Interior Angles	An angle inside a shape, joined by two sides
Example: To find the sum of interior angles in a heptagon	Exterior Angles	The angle between any side of a shape, and a line extended from the next side.
There are 7 sides on a heptagon. $(7 - 2) \times 180 = 5 \times 180 = 900^{\circ}$	Acute Angles	Angles less than 90°
	Right Angles	Angles that are exactly 90°.
<u>Sum of Interior Angles</u>	Obtuse Angles	Angles greater than 90° but less than 180°.
We can figure out specific angles by using the sum of interior angles.	Reflex Angles	Angles greater than 180° but less than 360°.
Sum of interior angles = (6 – 2) x 180 = 4 x 180 = 720°	Sum	Adding numbers together
125° 135°	Vertex	A point where two or more line segments meet. A corner.
$x^{\circ}$ 115 125 135 115 110 110 x 720 Therefore, $x = 125^{\circ}$	Other To • Mensu • Prope • Area a Facts	pics/Units this could appear in: uration rties of 2D Shapes & Perimeter, 3D Forms & Angle
110°	Interio	or & Exterior Angles



## SWB Year 8 – Maths - Mastery Unit 13 - Circles



Area =  $\pi r^2 = \pi \times 6^2$ 

 $= 36\pi \text{cm}^2 = 113.1 \text{cm}^2$ 



= 31.41 cm (2d.p.)

Circumference = 10 cm x  $\pi$ 

	<u>Semicircles</u>
7	The perimeter of a Semicircle:
	Remember that the <b>perimeter</b> is the distance round the outside. A semicircle has two edges. One is half of a circumference and the other is a diameter.
	$C = \pi d$ $= 3.14 \times 8$ $= 25.12 cm$
	Remember this is the circumference of the whole circle, so now we need to half this answer.
	$25.12 \div 2 = 12.56$ cm
	Total Perimeter $= 12.56 + 8 = 20.56cm$
	The Area of a Semicircle: A semicircle is just half of a circle. To find the <b>area</b> of a semicircle we calculate the area of the whole circle and then half the answer.
	$A = \pi r^2$

 $= 50.24 \div 2 = 25.12 cm^2$ 

Keyword/Skill	Definition/Tips		
Area	The size of a surface. The space inside		
	a 2D surface.		
Perimeter	The distance around a two-		
	dimensional shape.		
Formula	A rule or fact written with mathematic		
	symbols.		
Semi-Circle	It is half of a circle		
Accuracy	How close a measured value is to the		
	actual (true) value.		
Surface Area	The total area of the surface of a		
	three-dimensional object.		
Segment	The smallest part of a circle made		
	when it is cut by a line.		
Arc	Part of the circumference of a circle		
	or any curve.		
Sector	A "pie-slice" part of a circle.		
Circumference	The distance around the edge of a		
	circle (or any curvy shape).It is a type		
	of perimeter.		
Radius The distance from the centre to the			
	circumference of a circle. It is half of		
	the circle's diameter.		
Diameter	The distance from one point on a		
	circle through the centre to another		
	point on the circle.		
Pi	The ratio of a circle's		
	circumference to its diameter. The		
	symbol is π		
	$\pi = 3.14159265358979323846$ (the		
	digits go on forever without		
	repedindi		
Other Topics/U	nits this could appear in:		
Properties c	of shape and simple angle facts		
Perimeter a	nd Area		
Similarity in	2D & 3D		

- Circle Geometry Gradients & Tangents
- Circle Theorems
- Coordinate Geometry and Circles

15



Year 8 – Maths – Mas	ery: Unit 14 – Surface A	rea & Volume	Volume		
Volume Using Unit Cubes	Fxa	mple:		Keyword/Skill	Definition/Tips
This is a unit cube. It has a volume o	f $1$ cm <sup>3</sup>			Prism	A 3D shape that has two identical ends and flat sides.
You may get shapes made from uni and you will need to find the volume	t cubes		The volume of this cuboid would be 24cm <sup>3</sup> as there are	Cross Section	A view into the inside of something by cutting through it.
shape by counting how many cube are.	s there		24 unit cubes altogether.	Diameter	The distance from one point of a circle to another passing through the centre. It is twice the radius.
				Radius	The distance from the centre of the circle to the circumference. It is half the diameter.
Volume of Prisms	A prism has a constant cr	ross-section. To find t	he volume of it you first need	Formula/ Formulae	A rule or fact written with mathematical symbols. (V = I $x w x h$ ).
	to find the area of the cro the shape.	oss section and mult	iply it by the height/depth of	Compound Shape	A compound shape is made up of two or more basic shapes.
	Formula for Volume of Prin	ms: <b>Area of Cross-Se</b>	ection x Height	Face	A flat surface of any object.
Example:		3cm		Perimeter	The distance around the outside of a shape.
section so you no area by the dep	e dred of the cross- eed to multiply the th:	Are 7cm	a of cross-section = $\pi \times r^2$ = $\pi \times 3^2$ = 28.27cm <sup>2</sup>	Area	The space inside a 2D shape.
Area $12cm^2$ $12cm^2 \times 7 = 84cr$	n <sup>3</sup>	Vol	ume = Area of Cross-Section x Height = 28.27 x 7 = 197.89cm <sup>3</sup>	Surface Area	The total area of the outside of a 3D shape.
Volume of Spheres				Volume	The amount of 3-dimensional space something takes up.
Formula for volume	e of a Sphere: $\frac{4}{3} \times \pi \times r^3$	<u>Exam</u> ! Make sure you use	e the correct units with your	L	I
3cm, just need to be ab	formula in the exam, you ble to use it!	Area uses square u units.	units and volume uses cubic	Other to	pics/units this may appear in:
Example:		Examples:		Perime     3D for	eter and Area
Volume = $\frac{4}{3} \times \pi \times 3$	<sup>3</sup> = 113.1cm <sup>3</sup> (1d.p.)	Volume: cm <sup>3</sup> , m <sup>3</sup> ,	<sup>-</sup> , mm <sup>2</sup> , km <sup>2</sup> , eic. mm <sup>3</sup> , km <sup>3</sup> , etc.	Mensu	iration <b>17</b>



### Year 8 – Science – P2a. Sound

### **Speed of sound**

Sound travels at different speeds in different materials. The vibrations are passed on more easily when the particles in a material are closer together, so sounds travel faster in solids than in liquids. Sound also travels faster in liquids than in gases.

Material	Speed of sound (m/s)
air (20 °C)	343
water (10°C)	1450
wood	3600
glass	3950
steel	6100



When a crest meets a trough they cancel + each other out.





2. The **eardrum** is a thin membrane. Sound waves make it vibrate.



5. Tiny hairs inside the cochlea detect these vibrations and create electrical signals called **impulses**.

Ultrasound:

e the 6. Impulses travel along ese the **auditory nerve** to reach the brain. You hear called the sound when the impulses reach your brain.

4. Vibrations are

passed on to the

liquid inside

the cochlea.



ultrasound reflected by detected by from sonar the sea bed sonar equipment

Key word	Meaning
amplitude	The size of vibrations, or the distance a particle vibrates when a wave
	passes.
frequency	The number of vibrations (or the number of waves) per second.
hertz (Hz)	The unit for frequency.
intensity	The loudness or volume of a sound.
pitch	How high or low a note sounds.
pressure wave	Waves like sound waves, where the vibration of particles transfers energy.
sound wave	A wave is a way of transferring energy. A sound wave is vibrations in the particles of a solid, liquid or gas, which are detected by our ears and 'heard' as sounds.
vacuum	A completely empty space, containing no particles.
medium	Any substance through which something travels.
auditory nerve	The nerve that carries impulse from an ear to the brain.
auditory range	The range of frequencies that an animal can hear.
cochlea	The part of the ear that changes vibrations into electrical impulses.
decibel (dB)	Unit for measuring the loudness of a sound.
ear canal	The tube in the head that leads to the eardrum.
ear protection	Ear plugs or covers for the ears that stop loud sounds damaging the ears.
eardrum	A thin membrane inside the ear that vibrates when sound reaches it.
infrasound	Sound waves with frequencies below 20 Hz, the lower limit of human hearing.
ultrasound	Sound waves with frequencies above 20 000 Hz, the upper limit of human hearing.
echolocation	Finding prey or obstacles by emitting sounds and listening for the echoes.
longitudinal	A wave where the particles vibrate in the same direction as the wave is travelling.
transverse	A wave where the particles vibrate at right angles to the direction the wave is travelling.
crest	The top of a wave on water.
trough	The bottom of a wave on water. 18
superposition	When two waves meet and their effects add up or cancel out.



Average Ave	ir re rc re
The focal length is the	d
distance between the	re
the focal point.	S
The point where the	re
rays meet is called	a
	re
	С
	le
	fc
	fc
	ir
Light bends towards Light bends away	le
into the lens. as it leaves the lens.	
E   a model to explain how a converging lens works	re

### The eye and colour:



Objects around us appear to be different colours because they absorb and reflect different parts of the spectrum. A white object looks white because it reflects all the colours. When you look at a post box in white light (normal daylight) it looks red because it reflects the red frequencies and absorbs the others. Black objects absorb all the colours in white light.



Key word	Meaning
reflected ray	A ray of light bouncing off a mirror.
angle of incidence	The angle between an incoming light ray and the normal.
angle of reflection	The angle between the normal and the ray of light leaving a mirror.
incident ray	A ray of light going towards the mirror or other object.
ray diagram	A diagram that represents the path of light using arrows.
reflected ray	A ray of light bouncing off a mirror.
diffuse reflection	Reflection from a rough surface, where the reflected light is scattered in all directions.
specular reflection	When light is reflected evenly, so that all reflected light goes off in the same direction. Mirrors produce specular reflection.
angle of refraction	The angle between the normal and a ray of light that has been refracted.
converging lens	A lens that makes rays of light come together.
focal length	The distance between the centre of the lens and the focal point.
focal point	The place where parallel rays of light are brought together by a converging lens.
interface	The boundary between two materials.
lens	A curved piece of glass or other transparent material that can change the direction of rays of light.
refraction	The change in direction when light goes from one transparent material to another.
cone cell	A cell in the retina that detects different colours of light.
cornea	The transparent front part of the eye, which covers the iris and pupil.
iris	The coloured part of the eye.
optic nerve	The nerve that takes impulses from the retina to the brain.
primary colour	One of three colours that are detected by the cone cells in our eyes. The primary colours are red, green and blue.
pupil	The hole in the front of the eye that light can pass through.
retina	The part at the back of the eye that changes energy transferred by light into nerve impulses.
rod cell	A cell in the retina that detects low levels of light. It cannot detect different colours.
secondary colour	A colour made when two primary colours mix. The secondary colours are magenta, cyan and yellow.
dispersion	The separating of the colours in light, for example when white light passes through a prism.
filter (physics)	Something that only lets certain colours through and absorbs the rest.
prism	A block of clear, colourless glass or plastic. Usually triangular.
white light	Normal daylight, or the light from light bulbs, is white light.

ORMISTON	<u> </u>					Keyword	Definition
	- Science – P20	c. Electricity				Series	A circuit made up of one loop or pathway
/	1_		earth —			Parallel	A circuit made up of more than one loop or pathway
Switch	Cell	Battery			Give live	Circuit	Made up of components, such as wires, switches and bulbs linking one side of a battery to the other
						Voltage	The difference in energy between two parts of a circuit. Measured in volts (V) using a voltmeter.
-	- <b>v</b> -	—( <b>A</b> )—	neutral		flex	Current	The flow of charge around a circuit, in a wire this is the flow of electrons. Measured in amperes or amps (A) using an ammeter.
Lamp	Voltmeter	Ammeter	Sim	ple Electrom	agnet	Resistance	When the flow of charge is reduced, the greater the resistance the more the flow of charge will be reduced.
—		—(M)—		coiled wire		Components	The different things that make up a circuit, such as: wires, bulbs, switches, cells.
Resistor	Variable resistor	Motor			wire	Cell	A single 'battery', like the type you would put in a torch or TV remote.
				Battery +		Fuse	A fuse is a safety feature and contains a piece of wire that melts easily if too much current passes through it and breaks the circuit.
					battery	Plug	A plug connects an electrical device to mains electricity.
				Current	Voltage	Electrical safety	Electrical safety is all the measures that are in place to prevent harmful and dangerous effects of electricity.
		$ \longrightarrow $	Series	Current is the	Voltage is		
			circuit	same all the way around	shared across components	Magnet	A magnet is a material or object, made of iron, nickel or cobalt, that produces a magnetic field.
Land					components	Attract	To cause an object to approach or adhere (a magnet attracts iron).
Series Circuit	Pari	allel Circuit	Parallel circuit	Current is shared across branches	Voltage is the same in all branches	Repel	To cause an object to move away (like poles of a magnet repel).



**Y8 ART DAY OF THE DEAD KNOWLEDGE ORGANISER** Developing ideas cultural research Recording ideas. Using resources – testing out ideas/media. Making a personal response – final outcome.

### What makes a successful Day of the Dead artist

#### research board?

- Cultural information/nationality/Inspiration.
- Exploration of links to natural forms.
- Colour testing
- Pattern testing
- Own response.

### What message is behind Day of the Dead artwork?

A good written analysis should include correct art vocabulary and your own opinion of the work.

### What needs to be included to record my own ideas?

- Realistic tonal drawings.
- Flowers.
- Insects. ٠
- Pattern developments.

Good observational drawings should show a clear understanding of tonal shading/gradients/directional shading and detail.

### How do I develop my ideas to create a response to Day of the Dead cultural art? :

- Use the ideas behind the work to inspire you. ٠
- Combine symbols and patterns in a creative way.
- Use harmonious colour wash paint techniques successfully.

A good artist response should link to the ideas and inspiration behind the work and use similar materials and techniques with skill and control.

> Wider Thinking: Look at Tim Burton's Corpse Bride or Disney's Pixar film 'Coco.'





Tonal drawings/Natural forms



Pattern/colour testing//Own response

Stretch and Challenge: Use and combine materials and techniques with a high level of skill and control.

Keyword	Definition		
Analyse	Examine in detail.		
Simplificaiton	Taking away complicated details.		
Apply	Put skills/knowledge/understanding into action.		
Describe	Give a clear description that includes all the main features – think of it as 'painting a picture with words'.		
Watercolour wash	A watercolour wash is a layer of diluted paint. Washes are applied over a large area of a painting to help create backgrounds or build layers of colour.		
Composition	The arrangement of the subject matter, such patterns and symbols on the areas of the skull.		
Investigate	Test the qualities of materials, techniques or processes through practical work.		
Skilful	Apply materials, techniques and processes with a high level of understanding, ability and control.		
Refine	Improve work taking into account feedback and aims.		
Formal Elements Colour, pattern, shape	Key words that can be applied and used to describe 2D and 3D art and design.		
Harmonious colour:	Harmonious colours sit next to each other on the colour wheel and <b>21</b>		

often link to nature.



Y8 Sandra Chevrier KNOWLEDGE ORGANISER Developing ideas/artist research Using resources – testing out ideas/media. Making a personal response – final outcome.

How do I identify the formal elements of Sandra Chevrier's work to create a written analysis?

- Artist's information/nationality.
- Inspiration

0

0

ColourComposition

• What message is the artist trying to put across? A good written analysis should include correct art vocabulary and your own opinion of the work.

What needs to be included to create a good copy of Sandra Chevrier's work?

- Realistic detail
- Finer details
- Collage

A good artist copy should show a clear understanding of the artist's use of materials and techniques..

How do I develop my ideas to create a response to Sandra Chevrier'swork? :

- Use the idea behind her work to inspire you.
- Use her composition style you like best,
- Make your work as detailed as possible.
- Use a collage material that links to your chosen celebrity.

A good artist response should link to the ideas and inspiration behind the artist's work and use her materials and techniques with skill and control.

> <u>Stretch and Challenge:</u> <u>Have a go at drawing facial features</u> <u>using pencil crayons.</u>

### Expert modelling example..



### Artist copy/written analysis



Artist response

<u>Wider Thinking:</u> <u>Research the meaning behind 'The Caged'</u> <u>series by Sandra Chevrier to understand the</u> <u>greater meaning behind her work.</u>

Keyword	Definition
Analyse	Examine in detail.
Tone	<b>Tone</b> in an artistic context refers to the light and dark values used to shade a realistic object.
Apply	Put skills/knowledge/understanding into action.
Describe	Give a clear description that includes all the main features – think of it as 'painting a picture with words'.
Finer Details	The details of something are its individual features or elements.
Composition	The arrangement of the subject matter, such as figures, trees, and so on in a work of art.
Investigate	Test the qualities of materials, techniques or processes through practical work.
Skilful	Apply materials, techniques and processes with a high level of understanding, ability and control.
Refine	Improve work taking into account feedback and aims.
Formal Elements	Key words that can be applied and used to describe 2D and 3D art and design.
Collage	A collage is a picture that has been made by sticking pieces of coloure <b>22</b>





# Similar Year 8 - Computing - Mobile App Development

## User input

Text boxes (allowing for the user to input a text string)

Checkboxes (allowing for the user to indicate a yes or no response)

Button (linked to an event that will capture and process the data when it is clicked)



### Careers

- Software
   development
- Programing
- Software
   Engineering

What would each block of code do if the user scored 7?

What is the difference between the two blocks of code?

### Selection

These two blocks of code have the same purpose, which is to provide feedback to the user at the end of a game.





# Sim Year 8 - Computing - Excel-ling

# Type of Functions

There are many types of Functions that can be used in spreadsheets helping to make calculations a lot easier. Some common uses are **MIN** of Minimum, **MAX** for Maximum, **AVG** for Average and **SUM** for Sum total



This is the correct way to structure a function – Remember always start with a =

# Absolute Cell Referencing

## **Absolute Reference in Excel**

F
rice with GST
35*\$E\$33

Select a cell which you need to permanently look at and press **F4** on you keyboard to make the absolute cell referencing \$ to appear around the selected cells.

# Type of Graphs

Bar chart	Visual tool, uses bars easy to
	see difference, long bar
	means greater value
Pie chart	size of portion represents the
	quantity, visually simple to
	flow, good for summaries
Scatter	show relationship between 2
graph	variables, maximum and
	minimum values are easy to
	work out





Keywords	Definition		
Absolute Cell Referencing	When you want a formula to consistently refer to a particular cell.		
Function	is a predefined <b>formula</b> that performs calculations in a particular order		
Formula	is an expression which calculates the value of a <b>cell</b>		
Conditional formatting	is a feature which allows you to apply a format to a cell or a range of cells based on certain criteria		

# IF Statement...

C2 $\checkmark$ : $\times \checkmark f_x$			=IF(B2<=50, "Fail", "Pass") ←			
	А	В	С	D	E	F
1	Student Name	Scores	Result			
2	BRUCE GEYER	37	Fail	-		
З	ELIZABETH STERN	73	Pass		Criteria	Result
4	MASATOSHI HENDERSON	62	Pass		Below or Equal to 50	Fail
5	CHRISTINE YOSHIMURA	43	Fail		Above 50	Pass
6	JOHN ADAMSON	35	Fail			
7	IRVING PIANKA	86	Pass			
8	EILEEN HAAS	81	Pass			
9	VINCENZO KWAN	50	Fail			

The IF function can perform a logical test and return one value for a TRUE result, and another for a FALSE result. For example, a "Fail" is scores below 50: =IF(B2<=50, "Fail", "Pass")

26







# Year 8 Music – I've got Rhythm



# Key Words

PULSE – A regular BEAT that is felt throughout much music. Certain beats of the pulse can be emphasised to establish regular pulse patterns e.g.

- 1 2 3 4, 1 2 3 4 = a 4-beat pulse
- 1 2 3, 1 2 3 = a 3-beat pulse (often called a WALTZ)
- 1 2, 1 2, 1 2 = a 2-beat pulse (often called a MARCH)

Music is my favourite:

RHYTHM – A series of sounds or notes of different lengths that create a pattern. A rhythm usually fits with a regular pulse. Everyday sentences can be used to create rhythms. The patterns made by words create rhythms and this rhythm has a 4-beat pulse: ACCENT – Emphasising or stressing a particular note or notes. Accents affect the ARTICULATION and are shown with this symbol > DURATION – The length of a sound – long/short TEMPO – The speed of a sound or piece of music – fast/slow TEXTURE – Layers of sound or how much sound is heard – thick/thin STRUCTURE – The organisation of sound or how sounds are ordered SILENCE – The absence of sound or no sound, shown in music by RESTS.

RHYTHM GRID NOTATION – A way of writing down and recording rhythms using boxes



A TIME SIGNATURE tells us how many beats ( and what types of beats) there are in each BAR of music and is made up of two numbers at the beginning of a piece of music



Note Name	Note Symbol	Note Value
Semibreve		4 beats
Minim		2 beats
Crochet		1 beat
Quaver		½ of a beat
Pair of Quavers		$2 \times \frac{1}{2}$ beats = 1



29



# Year 8 Music – Keyboard Skills



**Black Keys and Sharps and Flats** 

There are five different black notes or keys on a piano or keyboard. They occur in groups of two and three right up the keyboard in different pitches. Each one can be a **SHARP** or a **FLAT**. The # symbol means a **SHARP** which raises the pitch by a semitone (<u>e.g.</u> *C*# is higher in pitch (to the right) than C). The b symbol means a **FLAT** which lowers the pitch by a semitone (<u>e.g.</u> *Bb is lower in pitch* (to the left) than *B*). Each black key has 2 names – C# is the same as Db – there's just two different ways of looking at it! Remember, black notes or keys that are to the **R**IGHT of a white note are called SHA**R**PS and black notes to the **L**EFT of a white note are called F**L**ATS.







Tools and

Equipment

11

## Year 8 What is Design Technology?

Design and technology gives young people the skills and abilities to engage positively with the designed and made world and to harness the benefits of technology.

	Marking knife	(minit)	Sand paper
	Used to mark out on woods		Used to remove cut lines from wood
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Tenon Hacksaw		Disk sander
	Used to cut straight lines into wood		Used to create a nice finish on wood
	Coping Saw		File
	Used to cut curved lines into wood		Used to shape and flatten materials

### Design Ideas

Health a	ind safety					
<b>Machine guard</b> Protects from flying debris	<b>Floor marking</b> Creates a safe zone around the machine	<b>Safety signs</b> Warning and advisory signs	<b>Table Vice</b> Hold your work steady			
		State     State	nine Marine			

### Materials

<b>Pine wood</b> A common wood used in construction	High impact polystyrene Cheap plastic used for most plastic products	<b>Oak wood</b> An expensive wood used for furniture	<b>Neoprene</b> A thermal plastic that helps insulate
		No.	

			·	Keywords	Tools and Machines	Materials
<b>3D isometric</b> <b>sketching</b> Presenting your ideas in 3D to show more than 1 side of your idea	<b>Rendering</b> Using tonal shading to make your ideas appear 3D	<b>2D sketching</b> A basic and sketching process to show one side of your idea	CAD Computer aided design is used to design product on a digital screen	Analysing Investigating Collate Develop Improve Manufacture	Metal files Pillar drill Wet & dry paper Vacuum former Wire wool	Acrylic Aluminium Ferrous Non-ferrous Metal Alloy
Storage New Dillarities 0 - direct - where + where 0 - direct - where 0 - d	NICESS KECHBOK			Evaluate Explain Technical Dimension Tolerance Quality check	2D Design Bench Vice Junior Hacksaw Safety ruler Pliers Engraver	Polyvinyl chloride (PVC) High-density polyethylene ABS Copper Mild steel <b>3</b> Polypropylene



# Year 8 What is Engineering?

Engineering is the application of science and math to solve problems. Engineers figure out how things work and find practical uses for scientific discoveries.

### **Tools and Equipment**



### Engineers and their processes

Mechanical engineering studies the design, manufacture and use of machines	Electrical engineering studies the practical applications of electricity and magnetism	<b>Civil engineering</b> studies the design, planning and construction of large structures	Chemical engineering studies the process and equipment needed to manufacture chemical products on a large scale
	557		

### Health and safety

<b>Goggle</b> Protect your eyes	<b>Apron</b> Protect your clothing	<b>Hair tie</b> Protect your hair from entanglement	<b>Vice</b> Hold your work steady
		Line of the second seco	

### Materials

<b>Mild steel</b> A common material used in construction	<b>Acrylic</b> A recyclable type of plastic	<b>Aluminium</b> A light-weight metal used in drinks cans	Urea Formaldehyde A plastic used for tougher products
			· ]]

Keywords	Tools and Machines	Materials
Analysing	Metal files	Acrylic
Investigating	Pillar drill	Aluminium
Collate	Wet & dry paper	Ferrous
Develop	Vacuum former	Non-ferrous
Improve	Wire wool	Metal
Manufacture	Laser Cutter	Alloy
Evaluate	2D Design	Polyvinyl chloride
Explain	Bench Vice	(PVC)
Technical	Junior Hacksaw	High-density
Dimension	Safety ruler	polyethylene ABS
Tolerance	Pliers	Copper
Quality check	Engraver	Mild steel <b>3</b> Polypropylene



## **SWB** Year 8 – Food Technology

Why do we need to eat a **balanced diet**?

1. To achieve and maintain a healthy body weight.



2. For growth and repair



3. To build a strong immune system, prevent disease and infection.



4. To provide energy.



5. To keep us warm.



How do we achieve a balanced diet? **Eight Healthy Tips:** 

- 1. Base your meals on starchy foods.
- 2. Eat lots of fruit and vegetables.
- 3. Eat more fish including a portion of oily fish each week.
  - 4. Cut down on saturated fat and sugar.
- 5. Eat less salt no more than 4g a day for children.
- 6. Get active and try to be a healthy weight.
  - 7. Drink plenty of water.

8. Do not skip breakfast.







**Eatwell Guide**: The Eatwell Guide outlines the recommendations for eating a healthy balanced diet. The guide shows the different types of foods and drinks you should consume – and in what proportions – every day or over a week. The Eatwell Guide shows how much of what you eat overall should come from each food group

### Green Section:

repair.

Fruit and vegetables are a good source of vitamins, minerals and fibre, needed to build a strong immune system.

### Yellow Section:

Starchy foods are a good source of energy. Choose wholegrains for increased fibre, needed to prevent constipation



teeth.



## **SWB** Year 8 – Food Technology

There are seven major classes of nutrients: carbohydrates, fats, dietary fibre, minerals, proteins, vitamins, and water. These nutrient classes can be categorised a either macronutrients (needed in relatively large amounts) or micronutrients (needed in smaller quantities).

Macronutrients:

Micronutrients:

**Carbohydrates** provides the body with **energy**. There are two main types, complex and simple. Complex carbohydrates give long lasting energy. These are found in foods such as bread, pasta and cereals. Simple carbohydrates make blood sugar levels go up very quickly. This provides a **short burst** of **energy**. These are found in 'sugary; foods such as cakes, jams and sweets.

Protein is needed for growth and to repair cells. Protein is made up of amino acids. Proteins that are high in essential amino acids are called **high biological value (HBV)** proteins. These are found in milk, cheese, fish, eggs, meat and soya beans. Proteins that are low in amino acids are called low biological value (LBV) proteins. These are found in nuts, cereals and pulses.

Fats are used by the body for energy. Fat also forms an insulating layer under your skin to keep us warm and protect our organs, such as our kidneys. There are two main types of fat, saturated and unsaturated. Foods such as meat, cheese and butter are high in saturated fats. Foods such as seeds, fish and vegetable oils are high in unsaturated fats. We should eat less saturated fats.

<b>Fibre</b> helps food to move through our bowels and prevent <b>constipation</b> . Foods such as vegetables, wholemeal bread and beans are high in fibre.		Keywords	Definition
		Constipation	Difficulty empting the bowels
Water is needed for lots of reasons,		Cholesterol	A type of fat found in our blood
temperature, digesting food, lubricating our bones and keeping us hydrated.		Obesity	Overweight
Water is found in drinks, fruits and vegetables.		Diabetes	A disease that occurs when your blood glucose (blood
			sugars), is too high.

Vilditiin	What we need it for	Examples of where we get it from
Α	Good vision and immune system	
B Group	Releasing energy from carbohydrates	Meat
С	Fighting diseases and helping the body to absorb iron	💩 🏠 🙆
D	Along with calcium, it helps our body make strong bones and teeth	Oily Oily
Minerals	What we need it for	Examples of where we get it from
Iron	To make red blood cells to carry oxygen around the body	Green leafy veg
Calcium	Along with vitamin D, calcium helps make	

Eating too many carbohydrates, fatty foods or sugary foods can lead to **obesity**, which can increase the risk of type 2 diabetes and heart disease. 34

Eating too many salty foods can cause high blood pressure.

Too much saturated fat can lead to high cholesterol.



# Year 8 French – Topic 5 – Out and about

A. Où es-tu allé récemment ? Where have you gone recently?									
Past time phrase	Perfect tense v	verb phrase	Connective	Opinion phrase	Verb	Quantifier	Adjective		
Hier	<b>je suis allé[e]</b> I went	au cinéma to the cinema au parc to the park prendre un verre for a drink	je crois que		<b>assez</b> quite		amusant fun divertissant entertaining aénial areat		
Yesterday Hier soir Yesterday evening	<b>j'ai fait</b> I did	du shopping shopping des excursions trips des promenades walking	et and	I believe that <b>je pense que</b> I think that	c'était	très very trop	incroyable incredible relaxant relaxing		
Recently La semaine dernière	<b>j'ai mangé</b> I ate	au fast-food au restaurant at the restaurant				in my opinion selon moi	II WOS	<b>un peu</b> a bit	ennuyeux boring fatigant tiring insupportable
ast week j'ai visité le musée the museum des monuments the monuments		as I see it			<b>vraiment</b> really	unbearable <b>nul</b> rubbish			

	B. Tu veux sortir ? Do you want to go out?						
	Verb	Preposition + place	Agreeing o	and disagreeing			
	Tu veux aller	au centre commercial ? to the shopping centre? au centre sportif ? to the leisure centre? au cinéma ? to the cinema? au collège ? to the school? au marché ? to the market?		je veux ! I want to! bonne idée ! good idea! si tu veux. if you want. d'accord. OK. pourquoi pas ? why not? super !			
Do you want to go	<ul> <li>au stade ? to the stadium?</li> <li>à la bibliothèque ? to the library?</li> <li>à la gare ? to the train station?</li> <li>à la piscine ? to the swimming pool?</li> </ul>	<b>Non</b> <b>merci,</b> No thanks,	je pense que c'est vraiment nul. I think it's really rubbish. je pense que c'est trop ennuyeux. I think it's too boring. je n'ai pas envie. I don't fancy it. je préfère rester chez moi. I prefer to stay at home. j'ai beaucoup de devoirs. I have lots of homework.				



# Year 8 French – Topic 6 – Looking to the future

A. Quel emploi aimerais-tu dans le futur ? What job would you like in the future?							
Future time phrase	Conditional verb	Masculine nouns	Feminine nouns	English	Conditional verb	Adjective	
		agriculteur	agricultrice	farmer			
		architecte	architecte	architect			
Quand ie serai		avocat	avocate	lawyer		amusant fun	
vieux/vieille		comptable	comptable	accountant		divertissant entertaining	
When I'm older	j'aimerais être	électricien	électricienne	electrician	ce serait it would be		
Dans lo futur	Dans le futur n the future ie voudrais être	infirmier	infirmière	nurse			
In the future		journaliste	journaliste	journalist		geniai great	
À l'avenir In the future	mécanicien	mécanicienne	mechanic		passionnant exciting		
	médecin	médecin	doctor				
		pilote	pilote	pilot		spectaculaire spectacular	
		professeur	professeure	teacher			
		vétérinaire	vétérinaire	vet			



Do In

B. Quel sont tes proje	B. Quel sont tes projets pour l'avenir ? What are your future plans?						
Future time phrase	If clause	Conditional verb	Infinitive phrase				
<b>Dans le futur</b> In the future <b>À l'avenir</b> In the future	si j'avais de l'argent if I had the money si j'avais l'opportunité if I had the opportunity si je pouvais if I could	<b>j'aimerais</b> I would like <b>je voudrais</b> I would like	aller à l'université to go to university avoir des enfants to have children faire du bénévolat to do volunteering me marier to get married partir à l'aventure to go on an adventure prendre une année sabbatique to take a gap year/sabbatical voyager sac au dos to go backpacking				



### Year 8 – Geography – Global Issues

#### Plastic Pollution

- A lot of plastic waste that humans dispose of end up in our oceans.
- This severely damages ocean habitats and can pollute ocean water.
- When marine animals consume micro-plastics (tiny plastic parts), this enters the food chain and we can end up eating micro-plastics too!
- Plastic is non-biodegradable. It takes far longer to decompose in the ground than products such as paper and food waste.
- Plastic bags can take 10-20 years to decompose but a plastic bottle can take around 450 years!
- We are trying to come up with solutions to reduce the amount of plastic in the oceans. These include: plastic bag taxes, using 'Bags For Life', replacing plastic with paper straws and reusable cups. These help to limit the use of 'single-use plastics;.
- There are problems with some solutions to plastic pollution and one of these includes the idea that buying from 'plastic free stores' is more expensive. People may not want to pay more or may be unable to do this.



### <u>Climate Change</u>

- Earth's climate has changed over time we have experienced glacial (cold) and interglacial (warm) periods.
- Some of the causes of this climate change are natural.
- The ash from volcanic eruptions can block the sun's rays leading to a cooler climate, the Earth's orbit (Milankovitch Cycles) can lead to warming or cooling of the Earth, and sunspots can cause the Earth to get warmer.
- However, humans can lead to climate change (anthropogenic climate change).
- When we increase agriculture and deforestation, and burn fossil fuels for energy, we release greenhouse gases (e.g. carbon dioxide, methane) into the atmosphere.
- As these levels of greenhouse gases increase, more heat is trapped in the atmosphere and the global average temperature increases.

### What could be the effects of climate change?

- More extreme weather (storms)
- Coastal flooding (linked to sea level rise)
- Disruption to habitats (which could lead to the extinction of some species)
- Warmer oceans



















	Keyword	Definition
	Agriculture	Farming.
	Anthropogenic	Originating from human activity.
	Biodegradable	Can be decomposed by bacteria or other living organisms, avoiding pollution.
	Climate Change	A change in global or regional climate patterns.
	Deforestation	Cutting down trees.
	Eco-tourism	Sustainable method of tourism designed to limit damage and disruption to the environment.
	Geopolitics	Politics that have been influenced by geographical factors.
	Glacial	A period when polar and mountain ice sheets were across a lot of the Earth's surface.
	Global Warming	A gradual increase in the overall temperature of the Earth's atmosphere.
	Greenhouse Gas	Gases that contribute to the greenhouse effect e.g. carbon dioxide.
	Human-induced climate change	A change in global or regional climate patterns that can be linked to human activity.
	Interglacial	A period when there is warmer global average temperatures – the opposite of a glacial period.
ľ	Micro plastics	Pieces of plastic that measure less than 5mm.
	Palm Oil	A vegetable oil from oil palm trees – used in a lot of products.
	Single-use plastics	Plastics that are only used once before being thrown away, e.g. plastic straws.
	Sustainable	Long-lasting, meeting the needs of today without ruining the possibility for future generations.
	Wilderness	An uncultivated, uninhabited, and <b>37</b> inhospitable region.





# Year 8 – Geography – Global Issues

- Tourism
- Tourism has increased with alobalisation.
- The introduction of low-cost airlines (e.g. Easy Jet) has led to more accessible transportation.
- People now have more annual leave (time off work) than they did in the 1950s.
- People have a higher disposable income so they have more money to spend after the essentials.
- However, increased tourism can have negative impacts on areas.
- such as pollution (waste, noise, and air),
- increased strain on services, and
- influencing culture.
- Eco-tourism is a sustainable method of tourism designed to limit damage and disruption to the environment.

### **Tourism in Thailand**

- Thailand is in south-east Asia and is found between the Tropic of Cancer and the Eauator.
- International tourist numbers have increased from 5.3 million in 1990 to 38.3million in 2018.
- The increasing number of tourists have caused damage to sea life and coral reefs. Hotels have been built causing the natural habitats to be destroyed.
- The Thai government have had to make the decision to close some of the most popular beaches to help the ecosystems to recover.



• Wilderness is a natural environment that has largely been undisturbed by human activity.

Wilderness Under Threat

• Wilderness areas are important as they produce freshwater; forests absorb carbon dioxide from the air, helping reduce global warming; they are home to thousands of plant and animal species; and they provide recreational opportunities for people (e.g. hiking, fishing, kayaking).

### Antarctica

- The Antarctic Treaty was signed in 1959 and came into
- effect in 1961. This was to prevent the exploitation of resources.
  - In Antarctica there are several resources: underground stores of oil and coal, fresh water extraction from iceberas, resources from sea life, and scientific resources. There is also the potential for tourism.
  - However, the treaty is there to protect Antarctica's environment from being destroyed.

### **Exploitation of Brazil**

- Pantanal Region is the world's largest tropical wetland area (roughly the same size as England and Scotland).
- The region is being threatened by cattle ranching, road construction, uncontrolled tourism, gold mining, and the hunting of wildlife.
- To protect this region, Brazil and Bolivia have national parks and nature reserves which control development. Only 5% of the region is protected.
- The Amazon Rainforest is also under threat because of deforestation.
- The Amazon Rainforest is important as it supports 10% of all living things, 20% of the world's oxygen, and 17% of the world's water.
- Deforestation happens for timber, farming, and urban development. It can lead to animal extinction, increased greenhouse gases (and climate change), and flooding.



- Borders are political boundaries and are not always physical barriers.
- Many borders are 'disputed' such as the Indian-Pakistani border or borders within Africa.
- Some borders can lead to conflict and violence.
- Donald Trump wants to build a wall along the US-Mexican border to stop immigration from Mexico into California. However, government policies have allowed for violence carried out by security forces.
- Countries are 'confined' by their geography, their choices limited by mountains, rivers, seas and concrete.
- Russia's landscape and surrounding environment affects the decisions that leaders make.
- From the west, Poland is a relatively narrow corridor into Russia – this is beneficial as it prevents enemies from advancing towards Moscow.
- Siberia, in the north of Russia, contains a lot of oil, gas and minerals, however, its freezing cold temperatures and permanently frozen soil (permafrost) makes these difficu to access.



Russia's size also means that it is difficult for central governments.





































### SWB Year 8 – History – The Inter-War Years 1918-39

### Key Words

### Key people

Armistice	An agreement to stop fighting.
'November Criminals'	Name given to the German leaders who agreed to the armistice ending WWI.
Stab in the back 🐧	The belief that the German army had been stabbed in the
theory	back (betrayed) by its leaders back in Germany.
The Big Three	The 3 most powerful countries after WWI (Britain, France and the USA).
Treaty	A signed agreement after a war that both sides must sign and follow. Often designed to stop other wars.
Treaty of Versailles	The treaty signed by the countries involved in WWI. It had conditions that Germany had to follow as they had lost.
Diktat	A German word used to describe the treaty after WWI, it means 'dictated peace'. Germany felt it had no say in how it was treated after the war.
Reparations Š	Money that has to be paid by the loser of a war to the winners as a way to pay for damages caused by war.
The League of Nations	An international organisation created after WWI to encourage cooperation between nations and avoid war.
Democracy	A way of running a country where the people vote on who will be in charge. People have many rights and are considered to be 'free'.
Dictatorship	A country ruled by one person with absolute control/ authority. They cannot be voted out of power and the people have less everyday freedoms.
Communism	A way of running a country where everything that is needed is owned by the government and given to people fairly as they need it.
Propaganda	Information that is usually one sided used to promote a political cause or point of view.

### Adolf Hitler (the leader and dictator of Germany from 1933-45)

- Joseph Stalin (the leader of the Soviet Union Russia, 1922-53)
- Benito Mussolini (The fascist leader of Italy, 1922-43)
- Neville Chamberlain (The British Prime Minister, 1937-40)

### The end and impact of WWI

#### Impact On Germany

- WWI Officially ended fighting on November 11th 1918 with the Armistice.
- The main winners (Britain, France and USA) decided together how the losers, mainly Germany, should be treated and how they would be punished. France wanted to severely punish Germany so it could never fight another war, USA wanted to keep Germany from being too aggressive again but didn't want to severely punish them, and Britain wanted to weaken Germany but he did not want to crush them.
- The Treaty of Versailles, 1919, stated the reparations Germany had to pay (£6600 million), that Germany must accept responsibility for causing the war, Germany would have to disarm its army, and would lose territory it had gained before and during WWI.
- Germany was angered by the treaty and called it a 'Diktat'. It felt it was unfairly punished and would never recover from the punishments put on them by the treaty.
- Eventually, Germany could not keep up with reparation payments and its money became virtually worthless. France sent troops into German territory (the Ruhr) to take coal and goods as payment which crippled German wealth further.
- The decline of Germany due to the Treaty of Versailles helped Adolf Hitler gain power in 1933. He offered the people a better future by promising them chances to work, food, and he promised to ignore the treaty of Versailles to make Germany strong again.

#### Impact On Britain

- 1918 women over 30 who owned property were allowed to vote in elections. This was a huge step in changing women's lives. One reason women gained the right to vote was due to their efforts during WWI to help Britain win the war by working in munitions factories, as medics for the army and as farmers.
- Children under 14 were banned from working in mines, factories and ships, and were made to attend school.
- Unemployment increased as jobs dedicated to the war effort were no longer needed. 1/5 workers had no job by 1921.
- There were also many strikes where workers refuse to work as a protest to demand better pay and conditions.

#### Impact on Europe

- To avoid another war, the League of Nations was created with 40 countries joining. They aimed to work together to solve problems like disease, hunger and improve working conditions. They also promised to stop trading with any country that declared war on another.
- Success the League of Nations successfully arranged for Poland to gain back the region of Upper Silesia which had been taken by Germany in WWI.

39

• Failure – Polish troops invaded Vilna (capital of Lithuania) in 1921, the League ordered Poland to leave but it refused. The League of Nations could do nothing as it didn't have its own army to pose a threat to Poland.

# Year 8 – History – The Inter-War Years 1918-39

Key Words

## The Policy of Appeasement

	- /	
Fascist	A person who believes the country should be ruled by one strong leader (dictator) and has strong nationalist/racist views.	<ul> <li>Background</li> <li>Under the leadership of Adolf Hitler from 1933, Germany was rebuilding as a nation.</li> </ul>
Great Depression	A period of economic (money) collapse during the 1930s where many people were poor, lost their savings and didn't have jobs.	<ul> <li>Hitler wanted Germany to be as strong as it was before WWI. He wanted the lands back that Germany had lost in WWI and he wanted to unite all German speaking people.</li> </ul>
Disarmament	To reduce the amount of weapons/ soldiers and military equipment a country has. Allowing a country to rebuild their army, produce weapons and make military equipment,	<ul> <li>To do this Germany needed a stronger army and more wealth</li> <li>Germany began to build up its army, navy and air force (things which were banned by the Treaty of Versailles.</li> <li>Examples of Appeasement</li> </ul>
Conscription	When it is compulsory to join the army (you must do it).	<ul> <li>In 1935, Hitler even announced to the world that he and Germany had broken the Treaty of Versailles and had produced a massive army. However, nothing happened to Germany.</li> <li>Many countries were afraid to stand up to Germany in fear of starting another war. Some countries even believed that Germany were only building their army to defend themselves and had a right to do this. So Germany were appeased and allowed to continue.</li> <li>In 1938 German troops marched through Austria and claimed it as part of Germany, many Austrians celebrated this as Hitler himself was Austrian and Germany and Austria had shared similarities for many years. Again the world did nothing to challenge this despite it breaking the Treaty of Versailles.</li> <li>1938 Munich Agreement – Hitler wanted to take over the Sudetenland in Czechoslovakia as there were many German speaking people there. To avoid war, Britain and France agreed to give this land to Germany. This was an act of appeasement.</li> <li>In March 1939, Hitler and Germany decided to take over the rest of Czechoslovakia which showed Europe that Hitler could not be trusted. Many countries prepared for war.</li> <li>This ended the policy of appeasement. In August 1939, Hitler threatened to invade Poland and signed the Nazi Soviet Pact which planned to share the conquered territory with the Soviet Union.</li> <li>Germany invaded Poland on 1 September 1939. Neville Chamberlain did not appease Hitler this time and declared war on Germany on 3 September 1939.</li> </ul>
Anschiuss Appeasement	To allow someone to do something without consequences for their actions.	
The Munich Agreement	An agreement between Britain, France and Germany. It briefly avoided war but gave Germany the Sudetenland territory of Czechoslovakia.	
The Nazi-Soviet Pact	An agreement between Russia and Germany. Germany would invade Poland and Russia would gain part of Poland if they allowed this.	
German expan from 1937-40	sion	
	TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TRANCE TR	40

#### SWB Year 8 – History – The First World War Who was important? Key Words **Archduke Franz Ferdinand** Kaiser Wilhelm II (ruler of Germany) A prince and next in line to the throne of the Austro-Archduke Marie Curie (treated wounded soldiers in the trenches) Lord Kitchener (in charge of recruitment) Franz Ferdinand Hungarian Empire. Walter Tull (first black officer) General Douglas Haig (British General Harry Farr (suffered from shell shock but was mistaken as a coward and shot) A ditch dug into the ground about 7 feet deep and 4-6 feet Trench wide. Used to defend soldiers from enemy fire. Key causes of WWI Artillery A big weapon that fired shells (bombs) from a far distance. Long Term: Imperialism – Countries of Europe were competing against each other to agin more land and power around the Getting people to join or sign up for something, in this case Recruitment world = increased tension. the army. Nationalism – Strong beliefs in these countries led people to believe that their country was more powerful and more deserving of certain things, like land/power/resources. = rivalry between nations. Agreements made between countries to support and help Alliances Militarism – countries wanted to have the biggest and strongest army. = 'arms race' to develop the best army which each other if one is attacked in war. leads to more rivalry and jealousy between countries, e.g. Germany V Britain. Increasing the amount of weapons and soldiers a country Alliances – These 'friendships' meant that some countries felt threatened by being on their own, it also meant that if Militarism two countries went to war, their allies would also be dragged into the war. has to show its strength/power. ---Short Term: A belief of putting your country first above all others and Nationalism Assassination of Archduke Franz Ferdinand – Murdered by a aroup of Serbians who wanted Bosnia to be joined with taking great pride in your country, often thinking your Serbia and free from the control of the powerful Austro-Hungarian Empire. country is the best. Franz Ferdinand was killed as a show of defiance against the power hungry empire. $\overline{\widehat{}}$ The aim of increasing a country's power/influence through Imperialism The Austro-Hungarians blamed Serbia for the attack, rather than just the small group, and declared war. Serbia was military power and trade. allies with Russia, who came to Serbia's defence. Germany (allies with Austria-Hungary) declare war on Russia to defend Austria-Hungary. France is also allies with Russia, so Germany attack them first to try and avoid a war on two Propaganda Information that is usually one sided used to promote a fronts. By doing this, Britain must now join the war to defend its allies (France and Belaium) from Germany. = Total war political cause or point of view. in Europe. Recruitment Shell-shock A medical illness suffered by soldiers who have often experienced horrific or traumatic events. Those with shell Britain recruited an army of 1 million men within 6 months of the war beginning. These men were all volunteers who shock would sometimes suffer from panic attacks or wanted to 'do their bit' for their country. However, it soon became clear that this wasn't going to be enough men! uncontrollable shaking. The armies of Europe were huge and Britain's army was far outnumbered compared to Germany, France and Russia, A person who refused to fight in a war because of their Conscientious Propaganda was used to encourage men of Britain to join the army. This was mostly in the form of posters that put Objector religious, political or moral beliefs. across the most convincing and key messages for men to join up. Some posters made men feel guilty for not fighting, or they made war seem like a fun adventure, or some targeted the 0000 Trench foot An injury common for soldiers in WWI, caused by mothers and wives of Britain to encourage their men to join the army. 100 continuously wet conditions that left feet rotting and The propaganda campaign from the government was a success with 2.5 million men joining the army by 1916. becoming infected. See an example on the next page. Millions of men were also recruited by countries of the British Empire, such as; The West Indies, South Africa, India, Canada, Australia and New Zealand. They were often not treated as well as they deserved but Britain would never **41** have survived as long as it did without the help of these brave soldiers from across the empire.



### SWB Year 8 – History – The First World War



An example f one propaganda poster used by Britain. It says, 'Your country needs YOU'

## Trenches

- Trenches were hard to attack and easy to defend. Soldiers started digging them to defend themselves.
- Soon the two sides were stuck in a 'face off' determined to hold onto the land they had captured.
- They were a network of ditches that extended from the mountains in France all the way to the ocean in Belgium.
- Some times one side would try to capture the enemy's trench to gain ground. The foot soldiers had to climb out the trench and advance across 'noman's land facing machine gun fire, artillery bombs and barbed wire.
- Thousands of men died each day trying to gain small amounts of land.

# General Haig: Butcher of the Somme?

Butcher = responsible for the deaths of many people.



- Thousands of British soldiers died under his command (20,000 on day one of the Battle of the Somme).
- Haig never went to the frontline so did not understand the horrors the ordinary soldiers faced.
- He continuously tried the same battle plans that had failed many times before.
- Haig still believed that cavalry (horsemen) would be important soldiers in WWI – against Germans armed with machine guns.



- Haig understood that to win the war, many sacrifices had to be made including loss of life.
- His tactics were very common for the time and other countries suffered bigger losses.
- Soldiers had to 'go over the top' of the trenches to end the war.
- Haig did try new tactics, such as the 'creeping barrage' which helped Britain win the war.
- He pushed for Britain to use tanks at the battle of the Somme which did help bring victory once their first problems were fixed.
- Haig and his army did play a major role in defeating Germany and their allies.

# Conditions

• Life for soldiers was horrible – wet, muddy and freezing in winter; dry and boiling hot in the summer with small amounts of water available.



- Disease and illness was common. E.g. trench foot, lice, pneumonia.
- Some modern treatments for illnesses were developed due to the war, e.g. X-Rays, blood transfusions and triage (which managed how the wounded were treated).
- Food was basic, often plain stew with stale bread and hard biscuits. Rats often got into the food supplies and even bit the men.
- Soldiers had to keep busy by fixing parts of the trenches, keeping watch for attacks and bringing supplies to the front line.

# Weapons

- The most common injury was caused by artillery bombs either from the explosion or from shrapnel (small shards of metal) that flew off the shell once it exploded.
- Most soldiers fought with a rifle that fired a single shot, with a bolt that was pulled to load the next bullet in the magazine. They were relatively slow but trained soldiers could fire 20 bullets per minute.
- German trenches were heavily defended by many machine guns which could fire 300 bullets per minute.
- Gas attacks were used with mixed results. The first attack caused a mass panic amongst the French soldiers, but the gas was hard to control due to changing wind direction and later in the war most soldiers had gas masks to survive the attacks.
- Tanks were used for the first time in war in 1916. They were very slow, easily broke down and did not have big heavy guns like today's. They were bulletproof, could travel over the rough ground of the trenches, and take out barbed wire for the foot soldiers to follow behind.
- Planes mostly used to spy on the enemy trench and to see where artillery attacks might come from. They later carried basic weapons like bricks and pistols. Eventually, machine guns were mounted on the front to shoot down enemy planes.





A WWI tank invented by the British.



## Year 8 – PRE – Term 3: Can religion contribute to a more equal society?

#### <u>Key words</u>

**Equality:** Having the same rights in status and opportunities among members of a given society/group.

**Inequality:** Having unequal and/or unjust rights and opportunities among members of a given society/group.

Bible: Christian Holy book

**Parable:** A story with a meaning or moral.

**Prejudice**: Making a biased opinion of someone that is not based on reason or actual experience.

**Segregation:** The action or state of setting someone or something apart from others.

**Racism:** Acting upon prejudice thoughts, against an individual or community, on the basis of their racial or ethnic group.

**Tolerance:** The quality of allowing other people to say and do as they like, even if you do not agree or approve of it.

Gurdwara: The place where Sikhs come together for congregational worship.

Guru Granth Sahib: Sikh holy building

- Langar: Free kitchen in the gurdwara
- Sewa: Selfless service with no reward.

Qur'an: Muslim holy book

### What do Christians teach about equality?

• The Bible teaches that humans are made in 'the image of God' (Genesis 1:27) and so all humans matter equally to God regardless of race, colour, gender, age, ability and wealth.

• Christians believe that anyone who accepts Jesus in their life and prays to God will have their prayers heard **without favouritism**.

• Christians believe that humans should follow Jesus's example and also treat people equally. This is shown in the **Parable of the Good Samaritan.** 

The Bible also teaches to '**love your neighbour as you love yourself**' (Luke 10:27) meaning that all human beings should treat people with the same respect as they want to be treated with.

#### What does Islam teach about equality?

- The Qur'an teaches that all people were created equally by Allah.
- No race can claim to be superior/more important to another.

• The Prophet Muhammad also taught that everyone is equal and the only thing that separates one person from another is their **good/bad** actions.

 Tolerance towards non-Muslims within Islamic societies stems from the Prophet Muhammad's teaching that all 'People of the Book' should be treated with respect.

#### Martin Luther King 1929-1968

- He was a Christian
- He experienced racism as a child
- He led the Montgomery Bus Boycott in 1955 which lasted for 381
   days
- He received a Nobel Peace Prize for his work against racism & segregation
- In 1963 he delivered his famous 'I have a dream speech' which called for change regarding the way people were being treated based on the colour of their skin

#### Malala Yousefzai 1997- Present

• She is a Muslim

( \*

- Fought for females to have the **right to education** in Pakistan
- Got shot by the Taliban for her work

 $\bullet$  Gave a speech on her 16  ${\ensuremath{^{\rm T}}}$  birthday at the United Nations headquarters

Contributed money to help build a girls' school in Pakistan

#### How does sewa promote equality?

Sewa means '**selfless service**'. It involves acting selflessly and helping others in a variety of ways, without any reward or personal gain. Many Sikhs take part in sewa to build relationships with God and to demonstrate the belief in equality and the importance of all people

### How does the langar promote a more equal society?

- ? **()**
- The langar is **a special community kitchen** connected to the gurdwara.
- It provides a **free**, **simple meal for anyone** who would like one whatever their religion or position in society.
- The meal is always **vegetarian** so that most visitors will be able to eat and share their hospitality.
- There is also a room in the gurdwara where members of the community gather to carry out charity work for the local area or world wide aid.
- In times of emergency, Sikhs have distributed the langar to those who have needed it the most. For example, during the Coronavirus pandemic, many gurdwaras used their langar kitchens to **43** feed NHS workers and those most in need.

 The Bible has some teachings that can lead to the theme of inequality, in particular gender inequality.

Can Christianity cause inequality?

- A quote found in the Bible that portrays the inequality of women is 'For man was not made from woman, but woman from man. Neither was man created for woman, but woman for man.'
- There are also references to the term 'man' in the Bible to describe humankind as a whole. This leads to the questioning of the role of women within the Bible.

Just like Christianity, Islam
 can leave the question of
 inequality between
 genders.
 The Qur'an states 'The male

Can Islam cause inequality?

- is in charge of the female'.
  'A woman cannot fulfil her duties towards God without first having accomplished those that she owes her husband.'
- These teachings from holy books can lead to the questioning of inequality within religion.

What does Sikhism teach about equality?

- Sikhs believe that there is one God and that everyone is equal who stands before him.
- Sikhs believe in the **oneness of humanity** and this is highlighted through their actions within the gurdwara and the local community.
- Sikhs take part in Sewa which is doing good deeds with no reward. This may include giving to charity, feeding the homeless, volunteering in the Langar, cleaning litter of the streets.
- Sikhs also have the surname Singh (lion) and Kaur (princess) which highlights the aspects of equality with **all Sikhs having the same surname**.
- The Guru Granth Sahib teaches 'All are made of the same clay' which means all are made by God and therefore should be treated equally.