

Knowledge Organiser

Autumn Term 2024 – Year 7

Form: _____

Please remember to bring this into school everyday

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

You will use your knowledge organisers during lessons to engage and support with securing essential knowledge. We expect you to use your knowledge organisers at home to support with independent study. Below you will find a step-by-step guide of 4 different revision strategies you can use at home. QR codes can be found at the back of this booklet which will link you to videos of these strategies in action.

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

<u>Strategy 2-Self-Quizzing</u> – You might try this after a few weeks of using your knowledge organiser. Get someone (or yourself) to set you 10 questions using your knowledge organiser. These could be spellings, key words, equations etc to see how much you can remember! Record your score and see if you can beat your personal best each half term

1	2	3	4	5
Select topic	Prepare the quiz	Answer it	Self check	Repeat
Decide which area you want to be quizzed on (this might build up over time)	Create 9 questions on that topic or, ask somebody else to prepare 10 random questions for you.	Set a time limit (depending on the number of questions) and answer the questions without looking at your KO.	Now look at your KO to self-check -make a note of your score. Celebrate your successes and make a note of anything you missed or got incorrect.	Return to this section in 2/3 weeks- see if you can improve your score! Re-do those questions that you missed or got incorrect.

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Year 7 – Maths – Unit NP1 – Place Value & Number Line

Place value

This is the number system we use every day.

Base 10 **place value** has a relationship of × 10 between columns, moving from right to left.

We can use a place value chart to help us read and write numbers in base 10.



Reading and Writing Numbers

0 – Zero	10 – Ten	20 – Twenty
1 – One	11 – Eleven	30 – Thirty
2 – Two	12 – Twelve	40 – Fourty
<mark>3</mark> – Three	13 – Thirteen	50 – Fifty
4 – Four	14 – Fourteen	60 – Sixty
5 – Five	15 – Fifteen	70 – Seventy
6 – Six	16 – Sixteen	80 – Eighty
7 – Seven	17 – Seventeen	90 – Ninety
<mark>8</mark> – Eight	18 – Eighteen	
<mark>9</mark> – Nine	19 – Nineteen	

100,000	10,000	1,000	100	10	1	0.1	0.01	0.001	0.000 1	0.000 01
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths	ten- thousandths	hundred- thousandths
3	5	4	9	4	3 ·	•				

This number is written as three hundred and fifty-four thousand, nine hundred and forty-three.

What do I need to remember	What will I learn about in this	Where does this lead?		
from before?	unit?	Addition & subtraction (NP2)		
Place value of numbers up to 10 000 000 (KS2)	Writing integers and decimals in expanded form and words	Multiplication & division (NP3)		
Rounding numbers to the	Ordering numbers	Percentages, fractions & decimals (NP8)		
nearest 10, 100, 1000, 10 000 and 100 000 (KS2)	Rounding to decimal places and to significant figures	Estimation (NP9)		
Rounding decimals to	Converting metric units	Analysing discrete data (SP1)		
Ordering negative numbers on a	Finding the midpoint of two numbers	Using units of measure (all GM units and many SP units)		
Humber line (K32)	Finding the median of discrete	Standard form (NP12)		
Multiplying and dividing numbers by 10, 100 and 1000	data	Indices & surds (NP15)		

Key words & symbols

My mathematical journey

Word	Explanation
number	a value or a quantity used to count or measure
digit	a symbol we use to make numbers, such as "0" or "9"
numeral	a number written with digits, such as "213" or "0.5"
integer	a "whole" number (with no decimal part), such as 15 or 510, but not 2.5
base 10	our numeral system, where each column is worth a different power of 10
decimal	means "base 10" but more often used for non-integers written like this: 2.5 or 38.7
less than	numbers further left on the number line
greater than	numbers further right on the number line
ascending	aoina up
descending	going down

Midpoints and medians	Positive and pegative integers	Symbol	How to read it
	<u>r osiive and negalive integers</u>	<	is less than
The midpoint of two numbers is exactly halfway between them.	We can still draw vectors to represent penative numbers	>	is greater than
To find it quickly, we add together the endpoints and the halve	the carrotin and rectors to represent negative nambers.	\leq	is less than or equal to
the answer.		≥	is greater than or equal to
When we are given a list of numbers, <u>in order</u> , the middle number	10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10		
in the list is called the <u>median</u> .		=	is equal to
If our list contains an even number of numbers, then there will be	This is the number 4. Its <u>sign</u> is positive.		
two numbers in the middle. The median is the <u>midpoint of these</u>	This is the number -4 ("negative 4"). Its <u>sign</u> is negative.	≠	is not equal to
two (which isn't actually in the list!)	What is the same about them? What is different about them?	~	is approximately equal to

Year 7 – Maths – Unit NP1 – Place Value & Number Line







	Year	7 – Matł	ns – Unit	NP3 – M	Aultiplying 8	& Dividing	My mathematical journey	What will Llearn about in this	Where does this lead?	
<u>Commutat</u> An operati	<u>tivity</u> ion is commu	tative if it can	be applied to	from before? Place value (NP1)	unit? Multiplication and division with integers and decimals	Powers, roots and primes (NP4) Order of operations (NP5)				
$\frac{\text{Example}}{3 \times 4} = 12$ $2 + 5 = 7$ Addition a	2 is the same is the same c nd multiplica	$as 4 \times 3 = 12$ as 5 + 2 = 7 tion are comm	2 nutative	Non - Examp 15 ÷ 5 is not 10 – 3 is not Division and	l <u>e</u> the same as 5 ÷ 15 the same as 3 - 10 subtraction are not c	Vectors on a number line (NP1) Multiplying and dividing on paper and mentally (KS2) Using rounding to check answers to calculations (KS2)	Area models for multiplication Multiples and factors Multiplying to stretch Area and volume	Directed numbers (NP6) Fractions (NP7) Percentages (NP8) Proportional reasoning (NP10)		
	1						Keyword/Skill	Definition/Tips		
Associativity Multiplication is associative. This means you can 'split up' parts of it and join the numbers in different ways. We call it decomposing and recomposing.							Integer	Whole number incluc numbers. No fractior	ding 0 and negative ns or decimals.	
			0	$3 \times 12 =$	36	\blacktriangleright 12 × 3 = 36	Associativity Getting the same result regardless of the			
$3 \times 12 = 36$				•	a a a i a tivitiv		grouping. E.g. 2 x 3 x 4 = 24 4 x 3 x 2 = 24			
$3 \times 3 \times 4 =$	36			A	SSOCIATIVITY ASSC		Commutative An operation that, in any order, gives the			
$9 \times 4 = 36$				$9 \times 4 = 1$	36	$4 \times 9 = 36$		same result, e.g. 4x2=	=8 and 2x4=8, 5+2=7	
					Commutativity			and 2+5=7		
This shows u	us that $3 imes 12$	and 9 × 4 are	the same calc	culation.			Product	Multiply		
Multiplying	– Grid Method	<u>k</u>				Multiplying D	<u>ecimals</u>			
When mult	inlying two int	agers a grid me	thad is way to r	multiply which h	alos limit our mistakes	When we mu	Iltiply decimals, we can f	irst make an easier rela		
WIICHTION		egers, a gria me				without decir	mals, then reverse our ch	nanaes to get the final c	answer.	
Example:			Make sure you	align your pla	ce value					
· ·		1	1			Example:				
35 × 748	×	700	40	8	21000 3500		0	5×0.6		
	30	21000	1200	240	1200 240		×	10 × 10		
1					200		_			
-							5 >	< 6 = 30	As we have multiplied	

____40

<u>26180</u>

5

3500

200

 $35 \times 748 = 26180$

40

As we have multiplied by 10 twice, we need to divide by 100 (same as dividing by 10 twice).

÷ 100

 $0.5 \times 0.6 = 0.3$ You will sometimes need to use grid method





Year 7 – Maths – Unit NP3 – Multiplying & Dividing

<u>Division</u>

We are going to focus on using short division. The best method to use is bus stop.

Example:



Representations of Division

There are three ways we can think of representing division. These are sharing, grouping & repeated subtraction. We will see the representations for $10\div5$

<u>Sharing - 10 ÷ 5</u>





SWB Year 7 – Maths – Unit NP3 – Multiplying & Dividing Other Topics/Units this could appear in: Numbers, powers, rots, decimals and roundina Factors & Highest Common Factor Factors & Highest Common Factor Product of prime factors ٠ Multiples in context ٠ Sometimes we solve problems by multiplying or Factors can be thought of as the integers which multiply to make Factorising ٠ dividina. We need to look for clues that tell us to another. multiply or divide. e.g. 7 and 11 are factors of 77, because $7 \times 11 = 77$. Keyword/Skill **Definition/Tips** When writing the list of factors, make sure to be logical and list If we are looking for "lots of" something, that Integer Whole number including 0 pairs until you have them all. often means multiply. and negative numbers. No Example: If we are looking to share something out, that fractions or decimals. List all the factors of 24: often means divide. Product Multiply 1,24 2,12 Factor Numbers we can multiply 3.8 In a train there are eight together to get another 4,6 coaches each with 44 seats. number. We can write them as an ordered list to check we have them all: Distributive Multiplying a number by a How many seats are there on 1, 2, 3, 4, 6, 8, 12, 24 law group of numbers added the train? together is the same as doina Any numbers that are factors of two or more numbers are said each multiplication. to be **common factors** of those numbers. **Multiples** The result of multiplying a Here this would be a multiplication problem as number by an integer (comes there are 8 coaches with 44 seats which would Factors of 20: Factors of 12: up in its timetable) be 8 'lots of' 44. A number that is a multiple of Common All the ways 1 x 20 1 x 12 All the wavs multiples two numbers of making a 2 x 10 2 x 6 of making a Smallest whole number that is LCM 45 sweets are shared equally 4 x 5 3 x 4 product of 12. product of 20. a multiple of two numbers between 9 children. How many Factors An integer that divides the 1, 2, 4, 5, and 20 are all the 1, 2, 3, 4, 6, and 12 are all the do they each get? number exactly leaving no factors of 12. factors of 12. remainder Factor pairs A set of numbers that multiply Both lists of factors here have 1, 2 and 4 included. Therefore, 1, 2 to equal the number Here this would be a division problem as you are and 4 are common factors of 12 and 20. HCF The highest common factor 'sharing' things out into groups. You are usually asked what the highest common factor is. In this (HCF) of two or more case the highest common factor of 12 and 20 is 4. numbers is the largest number Make sure you check your list to get the highest common factor. that is a factor of all 12 of the given numbers.

	Year 7 – Scienc	Name of	Diagram	Adaptations	Keyword	Definition		
Animal Cel	II Pla	nt Cell		Specialised Cell			Movement	Animals move to escape a predator or to find food, shelter or mate. Plants will move to reach sunlight and
Pla	ant and Animal Cells share these common features	nt Cells contain e extra features	Egg cell		Very large surface area and contains half the	Respiration A process that happens in mitochondria that rele energy that the cell will use to carry out reactions		
	Cell Membrane			genetic information	Sensitivity	When organisms are aware of their environment e.g., how hot or cold it is, how much light there is		
	Cytoplasm					Has a tail so it	Growth	When organism increases in height, length, mass
		Spenn cen	2	can swim to the	Reproduction	When organisms make more of their species		
	Nucleus			egg cell with genetic	Excretion	When organisms remove waste products that are made during reactions		
· · ·	Mitochondria			information	NUTRITION	more easily used for energy and growth		
				Red Blood		No nucleus-	Organelle	Parts that make up a cell
Organelle	Function	Found in	Found in	Cell		contains haemoalobin so	Cell	The single unit building block of life
		animal cells? plant cells?			\bigcirc	it can carry	Tissue	A group of similar cells working together
Nucleus	An organelle that controls the	~	~		<u> </u>	oxygen around	Organ	A group of similar tissues working together
	cell's activities and where genetic					ine body	Organ system	A group of organs working together
	information (DNA) is found			Root Hair Cell	1	Has an increased	Organism	A living thing
Cytoplasm	A jelly-like substance where chemical reactions occur	~	~			can absorb more	Specialised cell	A cell that has differentiated (changed) to do a particular job
Cell	A layer around the cell that	~	√			mineralions	Microscope	cannot see with the naked eye
		· · · · · ·		Palisade Cell		Contains many		Preparing a microscope slide
Mitochondria	An organelle found in cells where respiration occurs	✓ 	~		• :	needed for photosynthesis to		1. Place a stain on the
Cell Wall	Outer layer found in plant and bacteria cells that provide support and protection to the cell		~			occur brain		microscope slide.Use forceps to take a thin layer of cells
Chloroplast	An organelle found in plant cells that absorbs light and is where photosynthesis occurs		✓		March 1		1	2 (specimen). 3. Place your layer of cells on the slide 4. Place a coverslip on top
Vacuole	A fluid filled sac found in plant cells that contains cell sap		✓		NEL		1	of the cells ensuring there are no air bubbles.
Ribosomes	The site where proteins are produced	✓	~	lungs ———	+	heart		Eyepiece
Cells	Tissues Organ Or	liver ———— kidneys ———	50	stomach	3	Coarse focus Objective lenses		
چې چې		N N		large intestine		small intestine bladder	Total magnification = magnification of eye magnification of obje	stage clip ective 13
					II.			



Year 7 – Science – B1a. Cells



	Year 7 – Science – B1	b. Body Systems	Keyword						
What are the parts	of the male reproductive system? What a	re the parts of the female reproductive system?	Puberty						
glands	sperm duct ova	oviduct	Menstrual Cycle						
testis uterine lining									
14		134	Ovulation						
urethra	penis vagi	ina cervix	Fertilisation						
Reproductive Organ	Function	The Menstrual Cycle	Embryo						
Testis	Where sperm are produced	The function of the menstrual cycle is to	Implantation						
Scrotum	Sac of skin holding and protecting the testis	prepare a females body for pregnancy.	Placenta						
Urethra	Carries sperm outside the body	Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle Menstrual Cycle	Gestation						
Glands	Adds fluids to the sperm		Labour						
Sperm Duct	Carries sperm from the testis	Ovulation Eggrelessed	Infertility						
Cervix	The opening or the neck of the uterus	c fertilisation (embryo)	Balanced diet						
Uterus	Large muscular organ where the baby will develop	(childys)	Deficiency disease Enzymes						
Uterine Lining	Where the fertilised egg is implanted		Digestion						
Oviduct	Carries the eggs from the ovaries to the uterus	An egg cell is released	Sperm						
Ovary	Where eggs are matured and released	from an ovary. These cells start to form the placenta	Egg (ovum)						

Keyword	Definition				
Puberty	The change that occurs in males and females into mature adult bodies ready for reproduction initiated and controlled by hormones.				
Menstrual Cycle	A monthly series of changes that occurs in females to prepare for pregnancy, on average the cycle is 28 days long				
Menstruation	The stage of the menstrual cycle where the lining of the uterus breaks down. Also known as a 'period'.				
Ovulation	Happens around day 14 of the menstrual cycle, this is when an egg cell is released from an ovary				
Fertilisation	When the nucleus of a sperm cell enters an egg cell and fuses (joins) with the nucleus of an egg cell, creating a zygote				
Embryo	The word used to describe the early stages of baby development				
Implantation	When a fertilised egg (zygote) embeds into the wall of the uterus				
Placenta	An organ that grows in the uterus during pregnancy where substances are exchanged between the mother and the baby				
Gestation	The period of time during which a baby develops and grows. In humans, this is stated as 9 months				
Labour	The process of childbirth, beginning with contractions and ending with the delivery of the baby				
Infertility	When a baby cannot be conceived naturally				
Balanced diet	Eating the right amount of each of the 7 nutrient group				
Deficiency disease	A disease caused by not having enough a particular nutrient				
Enzymes	Molecules that will break down large food molecules				
Digestion	The process of breaking down food into smaller molecules the body can use				
Sperm	Male sex cell (gamete)				
Egg (ovum)	Female sex cell (gamete) 15				



Year 7 – Science – B1b. Body Systems





Year 7 – Science – C1a. States of Matter & Atoms, Elements & Compounds



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product

reactants

Keyword	Definition		
Arrangement	The arrangement of particles describes where they are in relation to each other.		
Atom	A neutral particle, everything is made of atoms.		
Boiling	An unnatural process where a liquid is heated up and turned to gas due to continuous heating.		
Compound	A substance made up of two or more different elements chemically joined together.		
Condensing	The changing of state from gas to liquid.		
Density	The mass of a substance in a given volume.		
Diffusion	The movement of liquid or gas particles from a place of high concentration to a place of low concentration.		
Element	A substance that cannot be broken down into other substances – it only contains one type of atom.		
Energy	Energy is needed to make things happen e.g. chemical, kinetic, heat, light, sound.		
Evaporating	The changing of state from liquid to gas.		
Formula	The shorthand way to represent a molecule e.g. O_2 , MgO.		
Freezing	The changing of state from liquid to solid.		
Gas	One of the three states of matter - particles are randomly arranged, spread out, have lots of energy and move quickly.		
Liquid	One of the three states of matter - particles are randomly arranged, touching and have enough energy to move from their position.		
Melting	The changing of state from solid to liquid.		
Molecule	A group of two or more atoms chemically joined together – they could be the same or different.		
Movement	The process of changing the position of particles from one place to another.		
Particle	The tiny things that materials are made of.		
Pressure	The force exerted on a certain area.		
properties	A characteristic that you can use to describe matter eg melting point, hardness, density.		
Solid	One of the three states of matter - particles are ordered in rows and columns, touching, only have enough energy to vibrate but cannot move from their position.		
Sublimation	The change of state from solid to gas. The reverse of this is called reverse sublimation.		
State of matter	There are 3 – solid, liquid and gas.		
Symbol	The shorthand way to represent an element e.g. O, Mg		



Year 7 – Science – P1a. Energy

These vibrating particles

The energy in the hot part of the bar is transferred along the bar, making these particles vibrate more.

С

As energy is transferred to the metal bar, its particles vibrate faster.

transfer some of their energy to the next particles in the bar. Conduction usually happens best in solids because the particles are very close together. Conduction does not take place very well in liquids. It hardly happens at all in gases because the particles are a long way apart.



Energy is transferred through **fluids** (liquids and gases) by convection. When part of a fluid is heated it expands and becomes less dense than the fluid around it. It floats upwards through the remaining fluid. Cooler fluid moves in to take its place and a **convection current** forms. Convection currents can also form when part of a fluid is colder than its surroundings.

When you stand near something hot, such as a radiator, your skin feels warmer. Energy is transferred from hot objects by radiation (sometimes called **infrared radiation**).

All things give out or **emit** infrared radiation. The hotter the object, the more infrared radiation it emits. When radiation hits something, it can be **absorbed** (taken into the object) or **reflected**.

Infrared radiation transfers energy by waves, in a similar way to light. It does not need a **medium** to travel through, and it can also go through transparent substances like air or glass. Infrared radiation can also be focused. Energy travels to the Earth from the Sun by infrared radiation and this energy will burn paper if you focus it using a magnifying glass.

Keyword	Definition			
Burn	Common term for combustion. A reaction with oxygen in which energy is transferred to the surroundings as heat and light.			
Calorimetry	The measurement of heat change during a chemical reaction			
Chemical	Energy store that is emptied during chemical reactions when energy is transferred to the surroundings.			
Compare	When you compare things, you consider them and discover the differences or similarities between them.			
Conduction	The transfer of heat by passing on energy (or electrical charge) to nearby particles.			
Convection	The process by which heat travels through fluids (gases and liquids).			
Describe	If you describe a person, object, event, or situation, you say what they are like or what happened.			
Efficiency	A measure of how much of the total energy transferred in a process achieved a desirable useful outcome.			
Elastic Potential	An energy store that is filled when a material is stretched or compressed.			
Electrical	Energy store resulting from the movement of electrical charge (electrons).			
Energy	This is the ability to make something happen when it is transferred.			
Evaluate	If you evaluate something or someone, you consider them in order to make a judgment about them, for example about how good or bad they are.			
Food	A chemical store of energy, that you once eaten and digested can be used to release energy.			
Gravitational potential	Energy store that is filled when an object is raised.			
Heat	Heat is the transfer of internal energy from one region to another., measured in Joules.			
Joule	Unit of energy, represented by the symbol J.			
Kinetic	An energy store filled when a moving object speeds up.			
Light	A form of radiation that can transfer energy in a wave.			
Non-renewable	An energy resource that will be used up, and not replenished in our lifetime.			
Nuclear	An energy store associated with nuclear interactions.			
Radiation	Radiation is the transfer of internal energy in the form of electromagnetic waves. This radiation lies in the infrared region of the electromagnetic spectrum. It does not require particles to move, it can travel through a vacuum.			
Renewable	An energy resource that can be readily replenished in our lifetime.			
Sound	A form of energy transferred by sound waves.			
Temperature	A measurement of how hot or cold something is, unit of measurement is °C			
Thermal	An energy store that is filled when an object is heated.			
Thermometer	A piece of equipment used to measure temperature.			
Transfer	The process by which energy moves from one store to another. 18			
Transformation	Energy transformation is the process of changing one form of energy to another.			



ORMIST
SW
ACADE

Year 7 – Science – P1a. Energy

= 10%

- 37					
Tr	ransferring	Thermal Ene	rgy	Appliance/feature	Description
	Tempero chanae	ature	Direction of energy flow	Boiler	This has a la
Object hotter than	Temperature of		Energy flows out of		transferred t
surroundings	object d	lecrease	the object to the	Radiator	This is specie
-	until it is	the same	surroundings		Convection
	as the su	urroundings		Double Glazina	Windows ar
Ohio ah aaldar	Tamanaar	where of	En avenu flavun inda		a vacuum t
Object colder	Tempero		Energy flows info		because the
than surroundings		icreases	the object to the	Loft Insulation	A thick laye
		the same	surroundings		traps air, sto
	as the su	Irrounaings		Electringulation	An insulatio
Object the same	The obje	ect's	The is no net flow of		conductor
temperature of the	temperc	ature stays	energy		CONDUCTOR
surrounds	the sam	e		Draught excluders	Brushes and
				Cavity wall	Insulation pl
				insulation	a poor con
Energy		Example			insulating m
Light Energy		Sun, light bi	ulb, torch		prevent cor
Thermal Energy (he	eat)	Oven, elec	tric fire		
Sound Energy		Radio, speakers, TV		solar panel for hot —	
Electrical Energy		Electric car	, laptop	water: cost £3500,	
Nuclear Energy		Nuclear po bomb	wer station, nuclear	savings about £70 per year	
Chemical Energy		Food, batte	eries, coal	loft insulation:	1
Gravitational Poter	ntial	Book on a shelf, boulder on a		cost £150, savings	
Energy		cliff		around £150	
Elastic Potential En	ergy Bow, wind-u		up toy, stretch spring	per year	
Kinetic Energy (mo	vement)	Person runn	ning, rolling ball		
Energy can be stor	ed For e	vamnle ene	ray is stored in the		
chamical substance	cuin foo	d notrol and	colle (battarias)	double-glazing:	
	.es in 1000	a, petroranc	dells (Datteries).	cost £3500+,	
We call this chemi	cal energ	jy . Things ha	appen when energy	savings around	
moves from a store	e. We say t	that the ene	ergy is transferred .	2200 per year	
This can happen b	y:				
heating = light	nt 🛛 sou	und ele	ctricity = forces.		

Types of thermal insulation			
Appliance/feature	Description		
Boiler	This has a large surface area to allow for large amounts of heat energy to be transferred to its surrounding through convection		
Radiator	This is specially designed to have a heating element at the bottom. Convection currents heat all the water in it.		
Double Glazing	Windows and doors with 2 planes of glass with air trapped between them (or a vacuum between them). Air is a poor conductor and there is no convection because the air is trapped and cannot for convection currents		
Loft Insulation	A thick layer of the loft floor. It works because it's a poor conduction and traps air, stopping convection		
Floor Insulation	An insulation layer under the floor. Prevents heat loss because it is a poor conductor		
Draught excluders	Brushes and seals on doors. Prevents warm air escaping from the home		
Cavity wall insulation	Insulation place in the cavity of the walls. It works because it traps air which is a poor conductor. However, energy could still be lost due to convection so a insulating material is injected into the gap to create pockets of air and prevent convection currents forming		
solar panel for hot water: cost £3500, savings about £70 per year loft insulation: —— cost £150, savings around £150 per year	cavity-wall insulation: cost £350, savings up to £100 per year insulation on hot- water tank: cost £60, savings £15		
double-glazing: cost £3500+, savings around £200 per year	draughtproofing: cost £50, savings about £15 per year		



YEAR 7 ART VISUAL ELEMENTS KNOWLEDGE ORGANISER

Throughout our Autumn term in Year 7 we study the Visual Elements of art and design so we can understand all the different processes and skills you will come across during KS3.

How to complete an Artist Research

Answer the following questions...

Research into the artist

- Artist biography (two sentence)
- •Artist techniques, skills and processes
- •What is the title of the work you have selected? **Describe the Art**
- •What do you see in the work? What is happening?
- •What is the context? (abstract, typography, sculpture)
- •What visual elements have been used? How?
- What do you think is good about the work? Not good?How does the work make you feel? Why?



When adding tone to an observational drawing follow the below steps...

1 Look at your model carefully and ask the following questions: 'Where are the dark areas?' 'Where are the light areas?'

- **2** Think about your **stroke size**, **direction** and **hold** on the pencil.
- 3 Aim to add at least 5 levels of tone
- **4** Blend your tones to create a **gradation** (do not smudge!)

5 Look every **3 seconds** at your model to pick up the right tones



Artist Spotlight: Edward Ruscha

Edward Ruscha is an **American artist** who is linked to the Pop Art movement. He worked with **paint**, **printmaking**, **drawing**, **photography and film**. Ruscha is well-known for his **text pieces**, using **typography** to capture words and quotes.



Keyword	Definition			
Formal Elements	Key words that can be applied and used to describe 2D and 3D art.			
Colour	Is an element made up of different hues. These can be bold and vibrant or pale and soft.			
Shape	A shape is an area enclosed by a line. It could be just an outline or shade in. Shapes can be geometric or organic.			
Pattern	An arrangement of repeating shapes. A decorative design.			
Texture	The surface quality of a work of art. Can be rough, smooth, shiny etc.			
Tone	This refers to the lightness or darkness of something. It could also be a shade or how dark or light a colour appears.			
Blend/Layer	Mix together – put on top of each other			
Skilful	Apply materials with a high level of understanding, skill and control.			
Collage	Paper or other materials glued onto a surface.			
Investigate	Test the qualities of materials and techniques through practical work.			
Response	An artist response shows your own work and ideas inspired by the artist's work.			

Swiston Year 7 - Computing - DIGITAL LITERACY

Understanding the use of Digital applications such as office 365



A **hyperlink**, or simply a link, is a link from a document to another document or part of the document that the user can follow by clicking or tapping on.

The Internet



The Internet also known as WWW which stands for **World Wide Web** is a network of online content formatted in a code called HTML. These are interlinked HTML pages that can be accessed over the Internet.

It provides space for a wide range of information like documents, content and videos.

Email



Email is used for many different purposes, including **contacting friends, communicating with professors and supervisors, requesting information, and applying for jobs.** Depending on your purposes, the messages you send will differ in its

- Formality
- intended audience
- desired outcomes





OneDrive is the Microsoft cloud service that **connects you to all your files**. It lets you store and protect your files, share them with others, and get to them from anywhere on all your devices.

Benefits - OneDrive allows you to sync and store your personal files in a single place and share them with your contacts.

Keywords	Definition
Presentation	Useful document for entertaining, informing or persuading people
Word processor	software that allows users to create, edit, and print documents. Word processors, allow you to add formatting to text
Animation	is a form of animation which uses Microsoft PowerPoint and similar programs to create a game or movie
Transitions	are motion effects that when in Slide Show view add movement to your slides as you advance from one slide to another.
Alignment	When you move objects in a presentation, alignment guide s to where the text and images are positioned.
Formatting slide	Means to change the size, font, and text style in your presentation to add emphasis and to highlight content.
Text manipulation	Text can be automatically checked for spelling and grammar
	21

Swiston Year 7 - Computing - Business skills....

Presentations

Presentations - the purpose of a presentation is to entertain, persuade or inform a person/s. It is a great visual aid.



A good presentation is memorable and contains images, , videos and facts in a way easy to remember.

É

Microsoft PowerPoint -



Word processing

Documents -

ents –

The main purpose of **Word** is to create text documents that can be saved electronically, printed on paper or saved as PDF files.

Spreadsheets

Spreadsheets are an essential business and accounting tool. They can vary in complexity and can be used for various reasons, but their main purpose is to organise and categorise data into a logical format.

Once this data is entered into the spreadsheet, you can use it to

- create budgets
- produce graphs and charts
- storing and sorting data

Advantages

Spreadsheets are an excellent tool that allows us to carry out analysis of data.





Keywords	Definition	
Spreadsheet	an electronic document which data is arranged in a grid of rows and columns	
Worksheet	is a single page in spreadsheet	
Cell	is a collection of one or more worksheets	
Row	A row is a series of data banks laid out horizontally in a table or spreadsheet	
Column	is a vertical series of cells in a spreadsheet	
Workbook	is a collection of one or more spreadsheets	
Function	is a predefined formula that performs calculations in a particular order	
Formula	is an expression which calculates the value of a cell	
Conditional formatting	is a feature which allows you to apply a format to a cell or a range of cells based on certain criteria 22	

SWB ACADEMY Year 7 - Computing) - DIGI 1	AL LITE	RACY	Keyword	Definition
SENSIBLE FILE ORGANISATION		ICE PROG	RAMS	File	A file is an object on a computer that stores data, information, settings, or commands.
My Area			Used to present	Filename	A name given to a computer file.
	create business documents	program is used for expenditures and income, to	data and information by using text, images, diagrams with	Folder	Used to store and organise individual files.
My Pictures My Videos Year 9	letters, flyers and CVs	and represent chart data.	animations and transitional effects	Table	A table is a grid of rows and columns that cross to form cells.
ICT Folders for each subject SAVE VS SAVE AS	Used to create business	Used to read, write emails	Keep projects organised, share	Attachment	An attachment is a computer file sent along with an email message. One or more files can be attached to any email message
When you click save you are saving a document for the first time. You should name the document and	such as letters, flyers and CVs	ana calendars.	notes and provide an internal Wiki to store projects.	OneNote	It gathers users' notes, drawings, screen clippings, and audio commentaries
save it in a sensible location. When you click save as you can change the name of the document, location and keep a back up.	In most Office packages yo change the I the page. Thi its orientation	e u can ayout of s is called You c	Portrait Landscape	Spreadsheet	A document in which data is arranged in the rows and columns of a grid and can be manipulated and used in calculations 23

Year 7 - Computing - DIGITAL LITERACY Definition Keyword FORMATTING Click design and A particular group at which Target shading to fill in a a product such as a poster audience Click on the ribbon and select change the or advertisement is aimed. shape any colour. font style [1] font size [2] increase/decrease Layout Design A link from a hypertext font size [3] bold [4], italic [5] underline [6] Shading * document to another _ _ _ --------Theme Color [1] [2] ----Hyperlinks location, activated by Century Gothic - 36 clicking on a highlighted A[3]A $\overline{\mathbf{T}}$ 6 word or image **DESIGN LAYOUT** B I U → ab∈ X₂ X² [4] [5] [6] A -Motion effects that occur Click on the ribbon and No Color in Slide Show view when select design. This allows you More Colors. Transition vou move from one slide to to change the design of effects Aa Aa Aa Aa the next during a your document using a Aa presentation template. LETTER LAYOUT A way of making a movie A **Transition Effect** is the way a slide appears onto the screen (like you just saw). from many still images. The Custom animation is the way you make text and A Company 123 Business Street images are put together Your address London pictures move in a PowerPoint slide like this: one after another, and Animations W1 2AB Phone: 020 123 4567 7th January 2016 Date then played at a fast Laying out a table in excel speed to give the illusion of Polly Person 5 Hilly Street Recipient's address Sheffield Ouestion 3 - Favourite colour movement. S1 3YZV Greeting Dear Ms Perso An expression which Male Female Total Χάτατα το τάτατα τατάτα τατάτατα τατάτα τατάτα. Χάτατα τατά τ Red 2 Formula calculates the value of a Main body 0 Orange 0 cell. xxxx x xxxxx x xxxxx 0 Yellow 0 X *** **** * ** ** ** *** **** * *** Green data is any set of 2 2 Blue Yours sincerely characters that is gathered 0 2 Purple Closing farewell Data Manager 0 2 Pink and translated for some 0 Black 0 0 purpose, usually analysis 24 0 0 Other 0



Year 7 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.

10mm = 1 cm 40mm = 4cm 1 cm = 10 mm78mm=7.8cm

To convert from centimeters to millimeters we multiply by 10 To convert from millimeters to centimeters we divide by 10

Manufacturing Processes			
Wasting Wastage is the process of cutting away material with tools and equipment	Shaping This is where material is removed from the original structure to change the dimensions of the original.		
Drilling A process of cutting away material to create a hole	Sanding Removing saw lines to improve the surface texture		



Standard components and fixings

<u>Knockdowns (KD)</u> fittings are used to assemble 'flat packed' furniture	<u>Wood Screws</u> Used to join or hold timbers together securely
<u>Nuts and Bolts</u> A semi-permanent fixing to hold to parts together.	<u>Nails</u> Produced in a range of sizes, used to hold material together.





3,6,9,12,15,18,& 25mm thick sheets

Rough sawn has a poor finish

> PAR has a smooth finish



In our DT Workshop we use the following PPE:

- Apron
- Goggles
- Ear Defenders
- Heat Proof Gloves

Hazard vs Risk This is a Risk 25

This is a Hazard





😫 🐝 Year 7 – 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 aroup

Green Section:

fish are a good source of

repair.

protein needed for growth,

Fruit and vegetables are a aood 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



Dairy foods provide a good source of calcium and vitamin D needed for strong bones and teeth.



SWB Year 7 – Geography – Introduction to the UK

What is geography?

Geography comes from two greek words. 'Geo' means earth and 'graph' means to Geography write. means writing about the earth.

Thinking like a geographer involves investigating both the human and physical features of all landscapes.

Urban areas

An urban area is a town or city.

Bilston is an urban area presented on an OS map.

Rural areas

Some rural areas are made up of fields and have low relief. On an OS map these areas will have contour lines that are further apart.

Some rural areas have mountains and how high relief. On an OS map these areas will have contour lines that are close together.



so important.

UK Population

The capital city of the UK is London. There are a lot of landmarks in this city which can be located on OS maps using symbols.

Maps are used a lot by tourists in the city, they are very helpful when naviaatina the underground too.

The London underground map shows different

lines in different colours, you then need to

decide if you need to travel northbound,

southbound, eastbound, or westbound. This is

one reason why knowing compass directions is

Population characteristics (age and sex) can be



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A population pyramid can show how many dependent people are in a country, what the life expectancy is and how many working age people there are.

shown using population pyramids.

The shape of a population pyramid can also tell us a lot about a population. They can show birth rates and death rates.

Rural areas often have a sparse population

density where there are not many people in an





area.







SWB Year 7 – Geography – Introduction to the UK

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Types of map

Data can be presented on maps in many different ways.

A choropleth map shows data with different colours.

GIS stands for geographical information system. Google maps is a form of this. It can be used for driving, walking or public transport to get to different places.

Compass Directions

The four main points of a compass are north, east, south and west.

Half-way between each of these are four other points: north-east, south-east, southwest and north-west.

Latitude and Lonaitude

Latitude starts at 0 degrees and moves north and south from the Equator.

Lonaitude starts at 0 dearees and moves east and west from the Prime Meridian.

Lines of latitude and longitude allow us to pinpoint our exact location on earth.

Lines of longitude also help us identify different time zones. There are 24 lines of lonaitude, therefore there are 24 different time zones.

Ordnance Survey Maps



OS show physical and features human as symbols making theme easier to read.

Grid References

are

Four and six figure grid references can be used to locate a particular area on a map.

Numbers on the X axis are called Eastinas and numbers on the Y axis are called Northings.

Grid references should be read from the bottom left corner, the X axis should be read first, then the Y.

Contour lines

Contour lines are orange lines on an Ordnance Survey map that show the height of the land.

Contour lines allow us to see where has mountains and where has flat land across the UK.







SWB Year 7 – Geography – Ph	ysical Landscapes of the UK [Keyword	Definition
Geology	$\underbrace{\text{Erosion}}_{\leftarrow} \xrightarrow{\leftarrow}$	Biological Weathering	Rocks being worn away by plants and animals.
formed in layers. Sandstone is a	broken down and moved. \checkmark	Constructive wave	Waves that build up beaches by carrying sediment.
sedimentary rock.	There are four types of	Chemical Weathering	Rock being worn away through chemical processes e.g. acid rain.
Igneous rocks are made from cooled	\mathcal{C} erosion.	Confluence	Where two rivers meet.
down volcanic lava and are a hard rock. Granite is an ianeous rock.	Hydraulic action is when	Deposition	The process where sediment is dropped.
	rocks are broken down by	Destructive wave	Waves that erodes beaches by removing sediment.
intense heat and pressure and are a hard		Drainage basin	The area where the water drains into a single river.
rock. Slate is a metamorphic rock.	Abrasion is when cliffs or	Erosion	The process where rock is broken down and moved.
Hard rocks are found in upland areas \wedge	over time when other rocks	Evaporation	A liquid turning into a gas – rainwater turning into water vapour.
because they are more resistant.	hit against them.	Geology	Different rock types.
Engineering geologists carry out	Attrition is when rocks rub	Glacier	A river of ice that moves slowly downhill.
investigations and analysis in order to assess the risk of geological hazards	them smaller and rounder.	Igneous	Rock type that is formed when volcanic lava cools down.
	Solution is when sediments	Infiltration	Water seeping from the grounds surface into the soil.
detailed technical analysis of soil, rock,	are dissolved in the water.	Interception	Water being caught on the surface of vegetation.
groundwater and other natural conditions,	Sediments are transported	Meander	A bend in a river.
hazards, to determine the suitability of a	in rivers and oceans in four	Mechanical weathering	Rocks being worn away causing a physical change.
site for construction development.		Metamorphic	Rock type that has been changed from another due to intense heat and pressure.
Weathering is when natural processes can	Traction is when large boulders are rolled along	Mouth	Where the river flows into the sea (the end of a river).
wear away rock in situ (where they are).	the river or seabed.	Physical landscapes	Landscapes which have been created or changed naturally, not by human activity.
Biological weathering involves rocks being	Saltation is when pebbles \mathbf{D}	Plucking	Rocks frozen to the base of the glacier and are plucked from the ground as the glacier moves.
example, plant roots can grow into rocks,	are bounced along the river	Precipitation	Rain/snow/sleet/hail.
cause cracks and eventually break the rock.		Sedimentary	Rock type that is formed in layers as particles are compressed together.
Chemical weathering involves rocks being	suspension is when sediment is carried in the	Sediment transportation	Rocks being moved by a river and sea.
worn away by chemicals. For example, acid	water.	Surface runoff	Water flowing over the surface of earth.
a rock.	Solution is when dissolved	Source	The start of a river.
Mechanical weathering involves rocks being $\Lambda_{\rm LL}$	sediments are carried in the	Tributary	A smaller river flowing into a large river.
worn away by physical changes. For		Undercutting	Wear away the part below.
example, freeze-thaw weathering is when water falls into the cracks of rocks and	Deposition is when the b water no longer has enough	Water cycle	The continuous movement of water around earth.
freezes. This expands the crack and breaks the rock.	energy to transport the sediment and drops it.	Weathering	The process of rocks being worn away in situ. 30

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Year 7 – Geography – Physical Landscapes of the UK

Water cycle

We never have new water; it is just constantly recycled between the atmosphere and water stores.

Water can be stored in groundwater, the seas, oceans and rivers. From here it is evaporated and goes into the atmosphere.

Water vapour in the atmosphere condenses to form clouds. This produces precipitation.

This precipitation can then fall on the ground as puddles, in seas and oceans, rivers, or caught on the surface of vegetation (interception). Here it can evaporate off the surface (transpiration).

Water that lands on the surface can flow into rivers (surface run off) or infiltrate into the soil where throughflow will take it to the river.

Drainaae basins

A drainage basin is an area where water drains into a river.

The line between two drainage basins is called the water shed.

The river starts at the source as a stream and ends at the mouth where the river meets the sea.

As a river goes downstream there will be more water in it as it is added by tributaries which are smaller rivers that join a larger river.

The river channel carries the water.

A confluence is where two rivers meet.

A drainage basin is made up of inputs, outputs, stores and flows. This is how a drainage basin is connected to the water cycle.

Waterfalls

.ഹ ഹ. Waterfalls are formed through the process of erosion. They are found in the upper course of a river. High Force waterfall in the UK is the country's largest waterfall by volume.

- 1. Hard, more resistant rock is on top of softer, less resistant rock.
- The river erodes the soft rock quicker leaving an overhang of hard rock (this process is called undercutting). Hydraulic action will be eroding the soft rock.
- 3. The hard rock overhang collapses due to no support.
- 4. The sediment falls into a plunge pool and this speeds up erosion. Both abrasion and attrition.
- 5. Over time, the waterfall retreats (moves back) leaving a steep-sided aorae.

Meanders

Meanders are formed through the processes of erosion and deposition. They are found in the middle course of a river. As the River Tees erodes laterally (sideways) meanders can be identified near Barnard Castle.

- 1. The water in a river will need to travel around obstacles (large rocks). This will cause it to bend.
- 2. Erosion (hydraulic action and abrasion) will occur on the outside of a bend. The water here will have more energy here as it is travelling faster.
- 3. A river cliff will form on the outside of a bend.
- Deposition will occur on the inside of a bend. 4. The water will have less energy here as it is travelling slower.
- 5. A slip off slope will form on the inside if a bend.

Waves

There are two types of waves, constructive and destructive.

Constructive waves build beaches by depositing sediment. This is because they have a strong swash and a weak backwash.

Destructive waves erode beaches as they have a strong backwash and a weak swash.

Caves, arches, stacks and stumps

Caves, arches, stacks and stumps are erosional landforms found in coastal landscapes. An example of a stack is Old Harry in Dorset, south England.

- 1. A crack is eroded by hydraulic action and abrasion and expands.
- 2. crack erodes The further to form a cave.
- 3. The cave erodes all the way through to form an arch.
- The arch will eventually collapse as it will be weathered and have nothing to support it.





A spit is a depositional landform found at the coast.

Spurn Head, found alona the Holderness coast (east of England) is an example of a spit.



Sediment is transported along a beach due to the process of longshore drift. This is where waves move onto the beach at an anale (swash) and off the beach straight due to gravity (backwash).



Glaciers

Glaciers are made up of fallen snow that, over many vears, compresses into large thickened ice masses.

The last alacial period, known in Britain as the Late Devension glaciation, began about 33,000 years ago and ended around 12,000 years ago.











































Year 7 – History – Invaders

Celtic and Roman Britain BC 54 - AD 410

- Around **2,000 years** ago, Britain was ruled by tribes of people called the **Celts**. They were the original inhabitants of Britain before the Romans. They were great metal workers and builders.
- The **Roman invasion of Britain** could be the most significant event ever to happen to the **British Isles**. In **54-55BC** Julius Caesar from **Rome** in **Italy** tried to invade but failed. In **AD43**, ordered by **Emperor Claudius**, a big Roman army landed on the **beaches in Kent**.
- For around **100 years (a century)**, the Roman **army** had been building an **empire** across Europe. The Romans wanted Britain's precious metals **gold**, **tin** and **iron** – and its **cattle**. The Empire expanded across England and Wales, but stopped at Scotland.
- New cities, **roads**, villas and **baths** were built. Many Celts became **Roman citizens** and **spoke Latin**. However, the Romans faced serious challenges to their rule such as the rebellion from Boudicca, a Celtic queen who refused to accept Roman rule. The rebellion was crushed brutally.
- Over time the Roman Empire began to decline, and Britain faced invasion from foreign raiders like the Saxons.





Anglo Saxon Britain AD 410 – 1066

- People known as the **Angles** and the **Saxons** were people who migrated to Britain around the **4th and 5th centuries**.
- They travelled from areas of **Europe** that would now identify as **northern Germany**, **France and Scandinavia**.
- **Anglo-Saxons** was the name given to this group of people who formed together in England. "Angleland" became "England".
- There was good **farmland** in England, which could provide food and resources for people to live off. The homeland of the Saxons was cold and harsh land to farm.
- The Roman Empire had collapsed, so some Angles and Saxons believed they could win power and control over areas of Britain that previously wouldn't have been possible.
- Most Anglo-Saxons were **farmers** and lived off the land. They were able to make equipment such as **ploughs** and **tools** to help them in their work
- Some Anglo-Saxons were **skilled craftsmen** who made **decorative jewellery** such as **brooches** and necklaces.





Viking Britain AD793 - 1066

- The Viking age was from about AD793 to 1066.
- Many Vikings left their homes in Scandinavia and travelled by longboat to other countries, like Britain and Ireland.
- The people of Britain called the invaders 'Danes', but they came from Norway and Sweden as well as Denmark.
- Vikings sailed the seas **trading goods**. They bought silver, silks, spices, wine, jewellery, glass and pottery to bring back home.

What kind of people were the Vikings?

- The name 'Viking' comes from a language called 'Old Norse'. It means 'a pirate raid'. People who went off raiding in ships were said to be 'going Viking'. But not all the Vikings were bloodthirsty warriors.
- They were **farmers and** kept animals and grew crops. They were skilful at **crafting and** made beautiful metalwork and wooden carvings.
- The first Viking raid recorded in the **Anglo-Saxon Chronicle** was around AD787. It was the start of a fierce struggle between the **Anglo-Saxons** and the **Vikings**.
- The Vikings were **pagans**, not Christians like most people living in Britain at the time but converted to Christianity in order to settle in Britain peacefully.



	ngs AD793 - 1066 Key Words
Keyword	Definition
Roman Empire	A group of countries across the Mediterranean, Europe, Asia and Africa ruled by Rome.
Emperor	The leader of an Empire
Legacy	The long-lasting impact of an event that took place in the past
Boudicca	A Celtic leader who led a rebellion against the Roman army
Rebellion	A situation in which people fight against the government in their country
Slaves	People who are legally owned by others as property, usually for labour
Anglo-Saxons	People who ruled the Kingdom of England from AD410-1066 from Germany, Denmark and the Netherlands
Anglo-Saxon Chronicle	A document from the 9 th century showing Anglo-Saxons history.
Alfred the Great	An Anglo-Saxon leader who defeated the Vikings
Viking	People who arrived to the Kingdom of England from Scandinavia in 800AD for a raiding and settlement
Scandinavia	The name given to Norway. Sweden and Denmark, where Vikings came from
Pagans	Belief in more than one God
Danelaw	The area Viking leaders ruled, and Viking law applied (mainly the north)
Dark Ages	The name given to life in Britain after the Romans when life generally worsened
Wessex	The most powerful and important Anglo-Saxon area out of Viking control.
Sagas	Viking stories often inspired by history
Edward the Confessor	The last Anglo-Saxon king of England
Invaders	People who take over another country/area of land
Settlers	People who come to another country to stay and live
Raid	A surprise attack with the intention of stealing valuables 33



Year 7 – History – The Norman Conquest

Why did William win the Battle of Hastings? Potential claimants to the English throne in 1066: Who should become 1. The Battle of Stamford Bridge king? September 1066 Strategy Harold's army William had well Harold Godwinson King Harold Godwinson fought King Harold's army was trained and Harald Hardrada William of Normandy Anglo-Saxon. One of the Harald Hardrada and Godwinson's made up of professional soldiers. Viking King of Norway Duke of Normandy, most powerful men in brother Tostig for the throne. professional soldiers Harold's army was Vikings had ruled France. Enaland. and conscripts. tired and reduced in Britain before. Most Edward had supposedly Harold was a brave and peasant farmers who size following the feared warrior in promised that William respected solder with a 2. The Battle Hastings were forced to join the Battle of Stanford Europe –Hardrada should become King of tough streak. army and fight. Bridge. means 'hard ruler'. Enaland King Harold Godwinson fought William showed his William at Hastings on the 14th face on the October 1066 battlefield. The Saxons broke their shield wall. What changes did William make to England? The Feudal System William also set up the Feudal System as a form of controlling the population through land and money. Castles Terror- The harrying of the north William also kept control by building castles. William crushed rebellions against his rule by destroying villages, towns and farms in the North of England. Motte and Bailey - The first castles were built to William is at the top of the system, as he help fight against rebellions. They were built holds all the land and money, which he quickly and made out of wood, meaning that gives to the Barons. they were not very strong, and could be easily This forced the Barons to give William their destroyed. taxes, soldiers and promises of loyalty. They promise William their money, soldiers and The Domesday Book Castles In 1086, it recorded information about each lovaltv. They give the land to the Knights in return person who lived in England. **Stone Keep** – This castle was now made out of for loyalty and military service. They wanted to know: stone and had towers as a form of defence. The How many people there was main part of the castle was the Keep, a large How much land they owned • square tower, used as the main defence. How many animals they had • Finally the knights give the land to the peasants. The peasants farm the land and From this information William could charge people give food, money and services back to the 34 taxes. knights.



<u>Year 7 – History – The Norman Conquest</u>

Key Words

Keyword	Definition
Anglo-	People that lived in England before the Norman
Saxons	Conquest
Conquest	Taking an area by using force
Medieval	The period between 1066-1500
Cavalry	William's soldiers that fought on horses
Harrying	To completely destroy
Chronology	Putting events in the order that they happened
Claimant	a person who claims to have a right to something.
The Witan	The advisors or council to the King (Anglo Saxon)
Contender	a person or group competing with others
	to achieve something.
Normans	People from the Normandy region of France, led by King William
Bayeux	An embroidery telling the story of the Norman
Tapestry	Conquest
Hierarchy	Where people are ranked by their wealth and
	power
Noble	A person in the nobility who has a title and owns
	land
Peasant	The poorest person in society

Keyword	Definition
Heir	A person next in the line for the throne through bloodline
Rebellion	An act of armed resistance to an established government or leader.
Taxes	The government demand money from the people.
Harrying	Persistently carry out attacks on (an enemy or an enemy's territory.
Monarch	A royal head of state such as a King or Queen.
Oath	To swear a promise, often said to be witnessed by God
Feudal system	The structure of Medieval society
Confiscated	to take off or seize for themselves
Invasion	When an army or country uses force to enter and control another country.
Knight	Men who promise to fight for the their lord
Baron	A member of the nobility who owned land
Villein	Peasant, someone who worked on the land
The Domesday Book	A survey of English lands and ownership completed in 1086 by Williams men.
Motte and Bailey	An early castle that featured a fort on a hill surrounded by a fence.



Alterative provision work

- 1. Read through your keywords on your knowledge organiser. In your History books, create a glossary of the key terms and draw an image to help you remember them.
- 2. Create a poster showing which men thought that they should be King of England in 1066. Who do you think should have been king?
- 3. Using your knowledge organiser, answer the following questions in your books using full sentences. Can yu create your own questions and answers?
- Which claimant came from Norway?
- Which claimant believed he was promised the throne by Edward the Confessor?
- Which two men fought at the Battle of Stamford Bridge and who won?
- Where was the Battle of Hastings?
- Why do you think William Duke of Normandy won?

4. Read the main arguments for Williams victory at Hastings. Match the arguments to the statements. Which reason do you think was the most important? Explain why.

5. Create your own diagram alone with images of the Feudal System. Why do you think this helped William and the Normans control England?

6. Divide a page of your book into four with a pencil and a ruler. Write a description of the three main ways that the Normans controlled England. Explain which one you think would have been the most effective.

Thinking hard challenge Task- Answer the enquiry question: <u>How did we end up with a French King?</u>

<u>SWB</u> <u>Year 7 – History – What was it like to live in Medieval England?</u>

How religious were the medieval people?

- In the Middle Ages, almost everyone in Britain believed in <u>God</u>.
- People believed that heaven and hell were real places.
- People in medieval Britain followed **<u>Roman Catholic Christianity</u>**.
- They believed that the Pope, who lived in Rome had been given authority by God.
- The Pope led all the people who worked for the Church including bishops, priests and monks.
- In the Middle Ages, the Church provided for the religious aspects of people's lives baptism of babies, marriages, confession, the last rites for the dying and burying the dead.
- The church was the **heart of the community** as a meeting place, ceremonies, prayer, festivals and fairs.
- The Church played a big part in government: Bishops sat in the House of Lords. They could raise an army for the king in times of war.

- Monasteries and nunneries looked after the old and sick, provided somewhere for travelers to stay, gave alms to the poor and sometimes looked after people's money for them.
- Monks could often read and write when many other people could not, so they copied books and documents and taught children.
- Monasteries often had libraries.



What was life like in a medieval village?

- In the Middle Ages nearly everyone lived in a village.
- There were no shops in these villages and villeins (the people who lived in the village) could only go to the nearest town if the lord of the manor let them.
- Appearance of the Village: Each village was surrounded by 3 open fields.
- They had no fences or hedges in them. Instead, these fields were divided into strips and separated by earth banks.
- Everyone got a share of the land in the village.
- Each year one of the fields was left fallow. This meant that no crops were grown in it to help the soli recover. Animals would be allowed to graze there, the droppings acting as fertilizer.
- A peasant's hut was made of **wattle** and **daub**, with a thatch roof but no windows.
- Women in the village worked as hard as the men. They cook, clean and look after the children, fetch water, make clothes and help in the fields when needed.

Living in a medieval town:

•A medieval town would seek a charter giving it the right to become a borough. The rich merchants would then be allowed to choose a mayor and hold a market.

•Houses were made of a wooden frame, with the gaps filled with woven strips of wood, known as 'wattle', and 'daubed', with clay and horse-dung. Most ro ofs were thatch.

•Medieval shops were workshops, open to the street for customers, with the craftsman's house above. Because few people could read, shops signs were a huge model showing the craftsman's trade. People of the same trade often worked in the same street.

•The streets of a medieval town were narrow and busy. They were noisy, with the town crier, church bells, and traders calling out their wares. There were ma ny fast food sellers, selling such things as hot sheep's feet and beef-ribs.



	ar 7 – History – W	hat was it like to live in Medieval England	<u>d?</u>			
 Women in the Middle Ages The law, set by men, greatly limited the freedom of women. Men held all the top jobs in the Middle ages – kings, knights, lawyers, bishops and even town and village officials. Women were not allowed to: marry without their parents' consent, could not own business without special permission, divorce their husbands or own property of any kind unless they were widows. A lot of the evidence from Middle Ages is from monks - Monks had no contact with women so they were hardly mentioned. 		 How deadly was the Black death? The Black Death was an infamous plague causing an estimated 20 million deaths in Europe. What were the causes of the Black Death? We know today that the Black Death was caused by fleas that lived on black rats. However, in the Middle Ages there was no scientific understanding of illness and disease. They used several different ways of explaining the cause of the Black Death: • Caused by a miasma – an 'evil air'. • a punishment by God for the sins of the people. There were 3 different types of plague : Bubonic, Pneumonic and Septicemic 	 How would you be punished in Medieval England? Criminals were put in the stocks or the pillory. These were wooden boards with holes for feet, hands or head. Medieval punishments were cruel, and crimes such as theft were punished by hanging. How smelly was medieval England? Medieval towns did not have systems of sewers or water pipes like Rome had. Medieval towns were probably filthy. Garbage and human waste was thrown into the streets. Houses were made of wood, mud and dung. Rats, lice and fleas flourished in the rushes strewn over the clay floors of people's houses, often changed only once a year. 			
Definition	Keyword					
Confession	Acknowledging and te	elling a priests of one's sins or bad deeds to try and get to Heavan				
Baptism	The act of bringing peo	ople into the Christian religion through sprinkling water on their he	ads.			
Manor house	A landowner (a knight comfortable.	for example) lived there with his family; all the peasants worked c	on his land and paid taxes. The manor house was strong, secure and			
Tithe barn	Peasants had to give 1	0 per cent of what they grew to the priest; this was called a tithe	and the produce was kept here.			
Doom paintings	A painting that represe	ented heaven and hell and were used in churches for people who	o could not understand Latin.			
Catholic	A Christian who follows	the teachings of the Roman Catholic Church				
The Pope	Head of the Roman Co	atholic Church				
Charter	An official document g	given by a ruler or government which sets out a town's or business'	s rights.			
Monks and Nuns	Religious people who t	ook vows in order to lead a religious life.				
Monastery	A building or buildings	occupied by a community of monks living under religious vows.				
Chronicles	A written account of in	nportant historical events, usually written by monks				
Buboes	A swollen, puss-filled lui	mp in the armpit or groin. They could fill with a deadly, smelly blac	ck goo. If they burst inside you, the toxin would kill you			
Deterrence	To prevent an action o	r event through fear of the consequences.				

Peasant A poor person of low social status who works on the land.

Church A church: a building used for public Christian worship, The Church: official Christian religious organization that meet as a group



Time Keeping

Year 7 Music Knowledge Organiser

1. Key Words

<u>**Tempo**</u> – How fast or slow the music is <u>**Timbre**</u> – The type/colour of sound (instrumentation)

- **<u>Texture</u>** How thick or thin the music is
- Ostinato Short repeated rhythm

Polyrhythm – Layering of rhythms

- **Ensemble** Group of performers
- **Duration** Longth of a note or p
- **Duration** Length of a note or piece of music
- **Dynamics** How loud or quiet the music is
- <u>Structure</u> How the sections of music fit together <u>**Rhythm**</u> – A pattern of note lengths in time

3. Tempo Markings

Vivace – Lively and fast Largo – Broad and slow Allegro – Quick and bright Presto – Sudden and very fast Andante – Steady and at walking pace Lento - Slowly Adagio – Slow and stately

2. Signs and Symbols



4. Instruments





Year 7 Term 1A – PRE – What do different religions believe about God and the afterlife?

Key Words: Philosophy: A way of thinking about & questioning the world such as human existence Religion: The belief in and worship of a superhuman controlling power		Religious beliefs about God & the afterlife		Other worldly v	iews on this life
	Buddhism	 Buddhists do not believe in God Siddhartha Gautama is their founder & is now known as the Buddha - he is not a God A Buddha is someone who has reached enlightenment 		 God does not exis There is no reliable The meaning of lif 	st e proof for the existence of God e is self-produced
Ethics: The study of right & wrong concerning human behaviour.		 Budanisis believe that when we die we are report into something else based on our karma Karma is a sum of a persons actions e.g. if they have committed several bad actions, 	Agnostic	Neither believes oNeeds more proo	r disbelieves in God f to confirm the existence of God.
Atheist: A person who disbelieves in the existence of a God or gods. Atheist: A person who disbelieves in the existence of God or gods. Agnostic: A person who neither believes or disbelieves in God. Monotheism: A belief that there is only one God Abrahamic Religions: Islam, Christianity & Judaism who have a shared worship in the God who is believed to have revealed himself to Abrahamic Religion: Religions that originated in India Logic: Using region to describe		 bad things will come to them We can escape the wheel of life, death & rebirth if we reach enlightenment Enlightenment can be achieved through meditation 		 Spiritualists are concerned with the essence of a human; their spirit A sense of connection to something bigger than ourselves Spirits of the dead exist & have the ability to communicate with the living The afterlife is an opportunity to evolve & not to face reward or punishment like many religions believe 	
	 Christianity Christians believe in one God who has three parts (God the Father, God the Son (Jesus) & the Holy Spirit) this is called the Holy Trinity "In the beginning was the word and the word was with God and the word was God" This Biblical quote suggests that Jesus has always been a part of God. They believe Jesus was the messenger of God 				
		 Christians believe that after death a person's soul will live in either heaven or hell based on their actions. Christians believe in Salvation which is the belief that people can be saved and enter heaven via belief in Jesus the saviour. Christians also believe that God is everywhere & his spirit is within us and around us at the same time 	Empirical knowledge	Knowledge is gained	from our senses.
			Rational Knowledge	Knowledge is gained	from our reason
something. Faith: A complete trust or confidence	 Muslims believe in one God (Allah) Muslims believe that Muhammad was the messenger of Allah Muhammad was believed to have been visited by an Angel 			ern (Dharmic religions) and Abrahamic religions
Proof: Evidence or argument establishing a fact or the truth of a		 It is forbidden in Islam to draw Allah & Muhammad Muslims believe that Allah is everywhere & have 5 set prayer times a day to show their dealers to him. 	Easte	ern (Dharmic)	Abrahamic
Spirituality:The quality of being concerned with the human spirit or soul.	S S	 Muslims believe in heaven (Janna) & hell (Jahannam) Allah has given humans free will to choose how they act in this life which will affect their afterlife 	н	induism	Judaism
a human being or animal. Heaven: A state of being eternally in	Sikhism	 Sikhs believe in one God whom they call Waheguru The founder of Sikhism is Guru Nanak 			~~
the presence of God after death. Hell: A situation, experience, or place of great suffering (usually after death). Reincarnation: The rebirth of a soul in another body after death. Enlightenment: The action or state of gaining spiritual knowledge. Omnibenevolent: All loving/good Omnipotent: All powerful Omniscient: All knowing Omnipresent: God is always there	\mathbf{O}	 Guru Nanak had an experience with Waneguru & faught others that there is only one God (Ik Onkar) Sikhs believe in karma & that good actions bring about rewards Sikhs believe that our actions in this life affect the next Sikhs believe in reincarnation after death 	Bu	ddhism	Christianity
	Hinduism	 Hindu's believe in one God whom they call Brahman Hindu's do not have a specific founder Brahman is believed to take various forms including that of the tri-murti The tri-murti is three main forms of God; Braham, Shiva & Vishnu Brahma is the creator, Shiva is the destroyer & Vishnu is the protector Most Hindus believe that humans are in a cycle of death and rebirth called samsara Hindu's believe in reincarnation after death 		Sikhism	Islam C 40



Year 7 Term 1B – PRE – Do the teachings of Jesus stand the test of time?

Key Words:	Who was Jesus?	Do people always deserve a second chance?	Do our actions matter in this
Analogy: a comparison between one thing and another.	Jesus is the founder of Christianity.	Jesus told the Parable of the Lost Son to show why he still showed kindness to sinners.	According to Christianity, YES
the Son of God and the founder of Christianity Sermon: a talk on a religious or moral subject. Enemy: a person who is actively opposed or	His birth was considered to be a miracle, as he was thought to be the person who was going to be the saviour of the world . Throughout his life, Jesus performed many miracles . For example, he fed 5000 people with 5 loaves and 2	In the parable, a man has two sons. One son stays loyal to this father and works with him for many years. The younger son wanted his inheritance (money) from his father, so he took the money and went away, wasting it on a wild lifestyle. When the son ran out of money, he realised his mistake and went father and begged for his forgiveness.	Christians believe in an afterlife; heaven and hell. Some Christians also believe in Purgatory (where souls can be cleansed before going to heaven)
hostile to someone or something. Parable: a story, poem or picture with a hidden	fish. Christians believe that Jesus is the Son of God . Christians believe that there is one God, but that God	The older brother was angry, but the father was filled with love for his son and welcomed him back with open arms.	and so Christians will avoid sinful behaviour so they can have an eternal life with God in heaven.
moral or meaning. Analogy: Miracles: An	has 3 parts: the Father, the Son and the Holy Spirit. The Son refers to Jesus.	Jesus taught, through this parable, that God will forgive any sinner who comes back to him, and so we should do the same.	Jesus taught how people could act in this life to gain a place in heaven.
extraorainary event that cannot be explained by natural or scientific laws and	What is the most important rule to follow?	Is it always right to forgive?	The Parable of the Sheep and the Goats teaches people that to act like a sheep you must:
therefore often assumed to be linked to God.	your soul and with all your mind. And <u>'Love your</u> <u>neighbour as yourself.'</u>	One of Jesus' most important teachings was about forgiveness (an intentional decision to let go of resentment and anger)	Feed the hungry Give water to the thirsty
Trinity: the concept of God in three parts, God the Father, the Son and The Holy Spirit	This is known as the golden rule meaning everybody should follow this.	Jesus was once asked how many times we should forgive. One of his disciples, Peter, suggested 7 times. Jesus responded: 'I tell you, not seven times, but seventy-seven times'.	Look after the sick Visit those in prison
Heaven: A state of being eternally in the presence of God.	It simply means to treat others as you wish to be treated.	Jesus' most important lesson on forgiveness actually came at the time of his death.	Christians might give to charity, feed the homeless, or take care of family members who are ill to
Commandment : a rule given by God or other deity.	demonstrate this and highlight that our 'neighbour' is anyone within humanity.	Christians believe that the reason why Jesus came to earth was to be a sacrifice for the sins of the world. Through his crucifixion (death on the cross), Christians people that all people are able to be forgiven for their sins.	ensure they are acting righteously and can gain a place in heaven in God's presence.
Samaritan A charitable or helpful person. Prodigal: spending money or using resources freely and recklessly	In this story, a man was badly beaten up, yet a Priest and a Levite (a highly religious person) walked past and ignored him. A Samaritan (someone who would have been hated at the time) came past and helped the man.	Jesus, as he died, said: 'Father, forgive them, for they do not know what they are doing'. Christians understand that they have been forgiven for their sins, but they must also then forgive other people too.	



K

Year 7 Spanish – Topic 1 – My identity

A. Me presento Introducing myself	¿Cómo te llamas? What's your name?	¿Cuántos años	tiene	es? How old	are you?	Useful phrases
Hola Hi	Me llamo My name is		1.	un	año year	Por favor please
Buenos días Good morning Buenas tardes Good afternoon	:Cómo estás? How are you feeling?		2. 3. 4.	dos tres cuatro		Gracias thank you
			5. cin	cinco		Lo siento sorry
	Estoy muy bien I am feeling very well		6.	seis siete	años	Sí yes
Adiós Goodbye	Estoy bien I am feeling well		8.	ocho	years	No no
Hasta mañana See you tomorrow	Estoy regular I am feeling ok		9.	nueve		
Hasta luego See you later	Estoy mal I am feeling bad		10. 11. 12.	10. diez 11. once 12. doce		

B. ¿Cuándo es tu cum	pleaños? When	is your birthday?			
Mi cumpleaños es el My birthday is the	 uno dos tres cuatro cinco seis siete ocho nueve 	 10. diez 11. once 12. doce 13. trece 14. catorce 15. quince 16. dieciséis 17. diecisiete 18. dieciocho 19. diecinueve 	 20. veinte 21. veintiuno 22. veintidós 23. veintitrés 24. veinticuatro 25. veinticinco 26. veintiséis 27. veintisiete 28. veintiocho 29. veintinueve 30. treinta 31. treinta y uno 	de of	enero January febrero February marzo March abril April mayo May junio June julio July agosto August septiembre September octubre October noviembre November diciembre December



C. ¿Cómo es tu p	ersonalidad? What is	s your personality like?	Ş	
Diría que I would say that En mi opinión	soy I am no soy I am not	bastante quite demasiado too	gracioso funny independiente independent inteligente intelligent responsable responsible paciente patient simpático friendly tolerante tolerant	arrogante arrogant perezoso lazy serio serious tonto silly tímido shy
In my opinion Pienso que I think that	mi hermano es my brother is mi hermana es my sister is	muy very tan so un poco a bit	graciosa funny inteligente intelligent independiente independent responsable responsible paciente patient simpática friendly	arrogante arrogant perezosa lazy seria serious tonta silly tímida shy
			tolerante tolerant	



Key verbs

en el pasado era in the past I was

me gustaría ser I would like to be

D. ¿Cómo eres? What are	e you like?					1
Tengo I have No tengo I don't have	-	los ojos azules blue eyes	v	el pelo castaño light brown hair el pelo moreno dark brown hair el pelo pelirrojo red hair el pelo rubio blonde hair	y corto and short y largo and long	
Mi padre My dad Mi hermano My brother	tiene has	los ojos verdes green eyes los ojos marrones brown eyes	and también also	barba a beard bigote a moustache		-
Mi madre My mum Mi hermana My sister	no tiene does not have			gafas glasses pecas freckles tatuajes tattoos	Ω	

Key verbs en el pasado tenía

in the past I used to have

me gustaría tener I would like to have Year 7 Spanish – Topic 1 – My identity

E. ¿Dónde vives? Where do you live?				
Vivo I live Mi hermano vive My brother lives	en un piso in an apartment/ flat	en un pueblo in a village en la ciudad in the city en la costa	en el norte de in the north of en el este de in the east of	Inglaterra England Gales Wales Escocia Scotland Irlanda Ireland España Spain
Mi hermana vive My sister lives Mi familia y yo vivimos My family and I live	en una casa in a house	on the coast en el campo in the countryside en la montaña in the mountains	en el sur de in the south of en el oeste de in the west of	México Mexico Colombia Colombia Argentina Argentina Cuba Cuba Costa Rica Costa Rica

Key verbs

en el pasado vivía in the past I used to live

me gustaría vivir I would like to live



LL	Z	Ge	Ñ
'Yuh'	'Th'	'Heh'	'Ny'
Llamo	Zumo	Genial	Ma <mark>ñ</mark> ana
CE	Que	Gi	V
'The'	'Keh'	'Hee'	'B'
Ha <mark>ce</mark> r	Por <mark>que</mark>	'Gimnasio'	Verde
CI	Qui	J	RR
'Thi'	'Kee'	'H'	'rrrr'
Cinco	Quien	Mejor	Horrible
	\bigcirc	1	H
	(\mathfrak{I})	匚 ())	
	5	N	Hola Hola



SWB KS3 Spanish – Key vocabulary

Connectives

además in addition también also o or pero but

y and sino if not porque/ya que because sin embargo however

Present

A veces sometimes

Nunca never

Siempre always

Normalmente normally

Por la mañana in the morning

Por la tarde in the afternoon

Por la noche in the evening

me encanta I love me gusta I like prefiero | prefer no me gusta I don't like odio I hate

Opinions

en mi opinión in my opinión para mí for me sin duda without doubt

considero que I consider that creo que I believe that diría que I would say that pienso que I think that

Reasons

tengo I have soy I am hay there is/ there are iuego I play hago I do **voy** | go

tener to have ser to be jugar to play hacer to do ir to go

beber to drink

charlo I chat **como** as/like escucho I listen leo I read uso I use visito | visit

> charlar to chat comer to eat escuchar to listen leer to read usar to use visitar to visit

bebo I drink

Esta noche This evening

Mañana Tomorrow

La semana próxima Next week

Este fin de semana This weekend

El año próximo Next year

En el futuro In the future

voy a I am going va a He/She/It is going vamos a We are going

voy a comer I am going to eat voy a escuchar I am going to listen voy a estudiar I am going to study voy a hacer I am going to do voy a ir I am going to go voy a jugar I am going to play voy a salir I am going to go out voy a ver I am going to watch/see

después

finalmente

after

finally

luego

then

primero

segundo

secondly

firstly



será it will be sería it would be me gustaría I would like si pudiera if I could

bastante quite completamente completely demasiado too it is muy very tan as un poco a bit

es

emocionante exciting guay cool maravilloso wonderful genial great increíble incredible relajante relaxing

agradable enjoyable divertido fun

aburrido boring decepcionante disappointing horrible awful fatal terrible

Past Aver Yesterday Anoche Yesterday evening El fin de semana pasado Last weekend El año pasado Last year En el pasado In the past La semana pasada Last week Recientemente Recently

era I was tenía I had había there used to be

fue it was

jugué I played hice I did **fui** I went **bebí** I drank charlé I chatted comí l ate escuché I listened leí I read usé l used visité | visted

Master Class Session 1: Maths

Look, Cover, Write, Check

Date:

Look - look at the sentence or word on your knowledge organiser. Read over it twice.	Cover (cover up the sentence or word by putting your hand over it or turning the page)	Write – write the sentence or word here. Spelling and word order both matter!	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
			48

Master Class Session 2: English Look, Cover, Write, Check

Look - look at the sentence or word on your knowledge organiser. Read over it twice.	Cover (cover up the sentence or word by putting your hand over it or turning the page)	Write – write the sentence or word here. Spelling and word order both matter!	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
			49

Master Class Session 3: Science

Look, Cover, Write, Check

Look - look at the sentence or word on your knowledge organiser. Read over it twice.	Cover (cover up the sentence or word by putting your hand over it or turning the page)	Write – write the sentence or word here. Spelling and word order both matter!	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
			50

Master Class Session 4: Geography Self-Quizzing

Question Number	Question	Answer	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9			51

Master Class Session 5: History Self-Quizzing

Que Nur	estion nber	Question	Answer	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9				52

Master Class Session 6: MFL Self-Quizzing

Question Number	Question	Answer	Self checking (green pen). Check your answer and give yourself a tick or a cross. If you got it wrong, correct your answer.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9			53