Science Year 5 Spring 1 and 2

Could you be the next chemistry inventor?

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science rear 5 spring i a		e me next chemis	
What will I know by the end of the unit?		Key Vocabulary	Definition
Some materials can be changed by squashing, bending, twisting and stretching.	Materials can be natural or man- made.	property	the quality or characteristic of a material. For example, strong or flexible
What will I know by the end of the unit?		dissolve	when a soluble solid mixes with liquid so completely that it will disappear
Materials that will dissolve are known as soluble. Materials that won't dissolve	Irreversible changes , like burning, cannot be undone.	soluble	able to be dissolved, especially in water
are insoluble.		insoluble	does not dissolve in water
Dissolving occurs when the particles of certain solids mix with the particles of certain liquids.	Mixtures can be separated out by methods like filtering and evaporating.	sieving	used to separate insoluble solids
Heat can travel easily through thermal	Not all solids will dissolve, and not all	filtering	used to separate an insoluble solid from a solution
conductors. Metals are good thermal conductors , as they allow heat to move through them.	liquids will allow solids to dissolve.	evaporating	turn from liquid into vapour
Thermal insulators do not let heat	Melting, freezing, evaporating,	reversible	a change that can be reversed – you can get back what you started with
travel through them easily. Some fabrics, wood and plastics are good thermal insulators.	condensing and dissolving are examples of reversible physical changes.	irreversible	a change is permanent – new substances are made and you can't get the original ones back
Heat always travels from a warmer area to a cooler one.	Spencer Silver's accidental discovery resulted in the invention of the Post-It Note.	Key diagrams	Sieving Filtering Evaporating
Key Texts Snackable Science Experiments: 60 Edible Tests to Try and Taste – Vanstone		tt	Smaller materials are able o fall through the holes in he sieve, separating them rom larger particles.

RE Year 5 Spring 1

Why do Christians believe that Jesus is the Messiah?

What do I need to know from previous topics?

The bible is split into the **Old Testament** and the **New Testament**.

In the book of Matthew, in the New Testament, he wrote the story of Jesus for the Jewish people and focused on showing them how Jesus fulfilled the Old Testament prophecies.

What will I need to remember for future learning?

The **Old Testament** tells the story of **Creation** (the universe and human life made by God), the **Fall** (humans sinned and went their own way) and **People of God** (the story God's plan to save humanity).

The **New Testament** presents Jesus as the answer: the **Messiah** and **Saviour**. Through the **incarnation**, God came to live among humans.

The Old Testament prophets foretold more than 300 **prophecies** about what Jesus would be like and do.

Christians believe that Jesus fulfilled all of the prophecies of the **Messiah** and is God in human form. Jewish people do not think Jesus is the Messiah.





r - r ,	the future will be like.
Saviour	Jesus gave up his own life to save humans from their sins.
Incarnation	God appearing 'in the flesh' and taking on human form.
Messiah	According to Old Testament prophecies, the deliverer of the Jews.
salvation	Being put right with God.

Definition

A message from God about what

Key Vocabulary

prophecy



Key Texts

Isaiah 7:14, 9:6-7, 11:1-5 Luke 9:28–36 Micah 5:2 Matthew 1: 18-24, 2: 1-12



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History Year 5- Sprina 1

Were the Anglo-Saxons really smashing?

British

territory

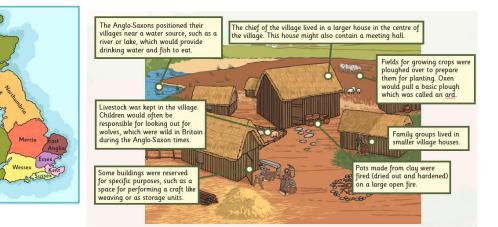
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What do I need to know from previous topics?

In the AD400s, towards the end of Roman rule, Britain was being attacked by the Picts and Scots from the north, and the Anglo-Saxons from the sea.

In about AD410, the last Roman soldiers were ordered to leave.

The Anglo-Saxons chose to live in small villages. This was very different to the Romans who had lived in Britain previously.



Inpton Stri

Important people King Offa Alfred the Great <u>Key Text</u> Anglo Saxons (Explore) - Bingham Beowulf- Crossley- Holland.	Key Vocabulary	Definition
	Mercia	an Anglo-Saxon kingdom, known today as East Anglia, Essex, Kent and Sussex.
	shires	Saxon lands were divided into shires, which helped to make up the counties we have today.
	kingdom	different areas of Britain formed and named by the Anglo-Saxons.
	thane	an important Anglo-Saxon person who collected taxes in the kingdom.
	churl	a lower-class Anglo-Saxon (often a poor farmer) regarded more highly than a slave.
	Witan	a council that helped the Saxon king rule.

What will I need to remember for future learning?

The early Anglo-Saxons were not **Christians**, they were pagans. Like the Vikings and the Greeks, the Anglo-Saxons believed in many gods and had many superstitions.

For a long time, England was not one country. Anglo-Saxon kings ruled lots of small kingdoms across the land.

How does this topic impact on our lives today?

Many of the names of towns and villages in Britain originate from Anglo-Saxon times.

The Anglo-Saxons slowly converted the majority of Britain to a Christian religion.

Art Year 5 Spring: David Hockney- Yorkshire Landscapes (Drawing and Printmaking)



What do	I need to	know from	previous	topics?

We can draw with lots of different materials to make different lines. Some materials make thicker lines than others. **Observational drawing** can include drawing something directly in front of you, around you or copying from an existing image.

Printing makes a copy of something. There are lots of different ways to print.

Many artists are inspired by nature and we can see this influence in their artwork.

David Hockey was part of the **Pop Art movement**, taking inspiration from popular culture to influence his work. **Andy Warhol** also produced Pop Art, often using the printing process to produce his work.

What will I need to remember for future learning?

A monoprint is unique as each image can only be produced once. However, different colours can be layered to add depth to the print.

Key texts





	thing over or upon another
layer	letting one application of ink dry before adding another
monoprint	the process of making a print using mark making

Vocabulary

line drawing

overlay

Definition

of shading

a drawing done

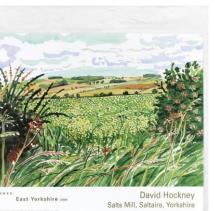
using only narrow lines, without blocks

to lay or place one



Key artists and artwork

David Hockney-Midsummer: East Yorkshire collection



Food- Making a salad for a teacher



<u>Design brief:</u> To research, design and prepare a salad for a member of staff, based on their individual requirements.

	Key Vocabulary	Definition	
What will I know b	, , , , , , , , , , , , , , , , , , ,		
A third of the food we eat should come from the Fruit and vegetable group and a third should come from the Potatoes,	How to design and make a salad based on the requirements of an individual.	reared	where animals are brought up for the purpose of providing food.
bread, rice, pasta and other starchy carbohydrates group.		processed	any food that has been altered in some way during
Ingredients can be grown, reared,	Mayonnaise and salad dressings are usually		preparation.
caught and processed.	high in fat, salt and sugars so should be eaten less often and in smaller amounts.	carbohydrates	essential food nutrients to give our bodies energy
Fruit and vegetables can be prepared by peeling, chopping, slicing and grating.	Some of the food we eat is seasonal in the UK. This means it only grows at certain times of the year. In the UK, some food is also grown in glasshouses. This means that the food is available at different times to that grown outside.	fibre	keeps our digestive system healthy and fibre can help us feel fuller for longer too. It can also help reduce the risk of heart disease, diabetes and some cancers.
Key Texts https://www. bettycrocker. com/ Salad Recipes for		bridge hold	a method used to cut food safely when using sharp knives. It is especially useful for cutting circular items into halves and quarters, e.g. tomatoes, apples.
Children		claw grip	the best method to use when food needs to be cut into slices or diced.

P.S.H.E. Year 5 Spring 1

Keeping Myself Safe

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What will I know by the end of the unit?			
Recognise that habits can have both positive and negative effects on a healthy lifestyle.	Most young people are not forced by their friends into risk-taking behaviour. Instead, they feel under pressure to conform with their friends' behaviour.		
Recognise that there are positive and negative risks and explain how to weigh up risk factors when making a decision.	There are several health risks associated with smoking including: increased risk of heart disease, lung cancer, stroke or asthma.		
Explain why someone might give a dare and suggest ways of standing up to someone who gives a dare.	All medicines are drugs but not all drugs are medicines. The ways in which medicines are used can be helpful or harmful.		
Key Dates			
7 th February – SCARF Day			
3 rd - 9 th February –	Mini Minde		

3rd - 9th February – Children's Mental Health Week

11th February – Safer Internet Day

Mini Minds:



Braveasaurous Dreamasaurous

Key Vocabulary	Definition Grom
habit	something that a person does repeatedly.
addiction	an urge to do something that a person may feel hard to control.
risk	an action which has potential benefits but also potential negative consequences.
dare	a challenge, especially to prove courage.
conform	behave according to socially acceptable conventions or standards. For example, behaving a certain way to fit in with friends.
drug	a substance people take to change the way they think, feel or behave. When medical drugs are taken correctly, they can help our bodies.

<u>British Values – Individual Liberty</u>

Individual Liberty

We value everyone's input and opinions. We try to see things from other's point of view.

We are encouraged to make choices for ourselves in a safe and supportive environment.

French: Year 5 Term: Spring 1 School

Key Vocabulary

English	French
Do you have	Avez-vous (adult) As-tu (child)
I have	Oui, j'ai
I don't have	Non, je n'ai pas
Do you like?	Aimes-tu?
I like	J'aime
I don't like	Je n'aime pas
I don't like	J'aime parce que c'est
I don't like because it is	Je n'aime pas parce que c'est
fun	amusant
boring	ennuyeux
easy	facile
hard	difficile
interesting	intéressant
and	et
but	mais

Grompton Street

What will I know by the end of the unit?

- How to name school subjects with the correct pronunciation
- How to express an opinion and give reasons for it
- How to present a written passage to an audience