

# **Knowledge Organisers**

## **1<sup>st</sup> Spring Term**

**Science**

**Geography**

**Art/DT**

**PSHE**

**Computing**

**RE**

**Music**




**PE**







# **Year 1**

## Knowledge Organiser- Season and Weather-Science - Year 1

Key Vocabulary	Definition
Spring	The season, after winter, when the temperature begins to rise, plants begin to grow and animals come out from hibernation
Summer	The warmest season, coming after spring, when the days are long because the sun rises earlier and sets later
Autumn	The season, after summer, where the days get shorter, crops can be harvested and the leaves begin to fall from the trees
Winter	The coolest season, trees are often bare and some animals hibernate
Rain gauge	A tool used to measure how much rain has fallen
Thermometer	A tool used to measure the temperature
Weather Vane	A tool used to find out in which direction the wind is blowing
Data	A collection of facts, often numbers, that can give us information
Clouds	A cloud is a collection of tiny droplets of water in the sky, when the droplets fall they become rain
Hurricane	A powerful storm with strong winds

Key Knowledge:
I can name and describe the four seasons.
I know that tools are used to gather information about the weather.
I can present data using a graph.
I know there are different types of cloud.
I understand that weather forecasts help people to prepare for different kinds of weather.
I understand that certain types of weather can be dangerous.

Cloud	Cloud name
	Cirrus (white, thin and wispy)
	Cumulus (white, fluffy)
	Stratus (grey, cover the whole sky)

Rain	Snow	Cloud	Sun	Storm	Wind
					



Winter   Spring   Summer   Autumn

## Knowledge Organiser- The UK - Geography - Year 1

Key Vocabulary	Definition
Union	The work 'union' means joined together
Kingdom	A country, state or territory ruled by a king or queen
Mountain	A landform (made of rocks and earth) that rises up high. It is higher and steeper than a hill.
Peak	The pointed top of a mountain
Summit	The highest point of a hill or mountain
Valley	A low area of land between hills or mountains, typically with a river or stream flowing through it
Gaelic	A Celtic language spoken mainly in the highland of western Scotland brought over from Ireland in the 5 <sup>th</sup> and 6 <sup>th</sup> centuries AD
City	A large town
Countryside	The land and scenery of a rural area
Northern Ireland	Country that is part of the United Kingdom
Republic of Ireland	Became an independent country in 1921 and is not part of the United Kingdom
Weather Station	A weather station is an instrument used to study the weather and climate.

Key Knowledge:
I understand that the United Kingdom is a union of four countries.
I know Scotland is one of the countries in the United Kingdom.
I know Wales is one of the countries in the United Kingdom.
I know Northern Ireland is one of the countries in the United Kingdom.
I can recognise England as the country in which we live.
I can study daily weather patterns in the UK.



St George's Cross (England)	St Andrew's Cross (Scotland)	Union Flag of England and Scotland	St Patrick's Cross (Ireland)	Union Jack
				



## Knowledge Organiser – Food technology - DT – Year 1

Key Vocabulary	Definition
Plant (products)	Foods from plants, including vegetables, grains, nuts, seeds, legumes and fruits
Animal (products)	Food from animals including meat, eggs and dairy.
Cutlery	Knives, forks and spoons used for eating
Evaluate	Test: taste, appearance, smell, taste, texture
Nutrition	Things in food that the body needs to remain healthy.
Utensils	Tools used in the kitchen for cooking and baking.
Menu	A list of foods available at a café, restaurant or takeaway.

Key Knowledge:
I know all food comes from plants or animals.
I know how to chop safely and correctly.
I can follow instructions to make a fruit smoothie.
I know how to prepare a sandwich or wrap.
I know how to make a healthy menu.



Plant Products



Utensils



Fruit Kebab



Animal Products



Menu

## Knowledge Organiser – PSHE – Dreams and Goals - Year One



Vocabulary	
<b>Challenge</b>	Something that needs great effort in order to be successfully.
<b>Proud</b>	A feeling of satisfaction as a result of an achievement.
<b>Success</b>	The achievement of an aim or purpose.
<b>Process</b>	A series of steps taken to achieve something.
<b>Goal</b>	An aim or purpose.



Key Knowledge
I can set a goal and work out how to achieve it.
I can identify obstacles which make it more difficult to achieve my new challenge and can work out how to overcome them.
I can tell you how I felt when I succeeded in a new challenge and how I celebrated it.







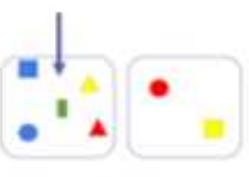
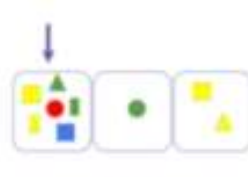
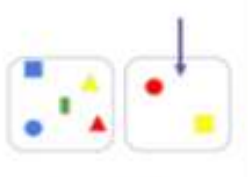
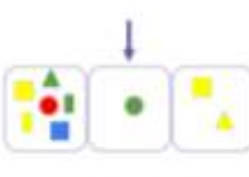
Reflective questions
Ask me this...
How does it feel to overcome obstacles and to reach your goal?
What successes have you experienced?

## Knowledge Organiser - Grouping Data – Computing – Year 1

Key Vocabulary	Definition
<b>Object</b>	A thing that has a shape and can be seen or touched. Can be given a property.
<b>Label</b>	A term that is used to describe an object.
<b>Group</b>	A collection of objects.
<b>Search</b>	To look in order to find something.
<b>Image</b>	A picture of a person or thing.
<b>Property</b>	A word that describes an object – can be used to label objects to help in grouping.
<b>Sort</b>	To put objects into groups.
<b>Colour</b>	Examples of colours are: red, blue, yellow, green etc.
<b>Size</b>	How big or small an object is.
<b>Shape</b>	The appearance of an object, such as square, circle, triangle.

Key Knowledge:
To describe objects using labels and properties.
To group objects using their labels and properties.
To count objects both in groups and out of groups.
To compare groups.
To answer questions about a group of objects.

Using the Vocabulary	
	<p>These <b>images</b> of cars have been put into one <b>group</b>.</p> <p>They all have the same <b>property</b> – they are cars.</p> <p>The <b>group</b> can be given the <b>label</b> "car".</p>

Comparing Vocabulary						
						
<b>Size</b>	<b>Colour</b>	<b>Same</b>	<b>More than</b>	<b>Most</b>	<b>Less Than</b>	<b>Least</b>
There is one big jar and one small jar.	Some objects are blue. These are red.	These two groups have the same amount.	The first group has more than the second.	The first group has the most shapes.	The second group is less than the first.	The middle group has the least shapes.



## R.E. Year 1 Spring 1 Knowledge Organiser

### Who is God to Jews?

Key vocabulary	Definition
Abraham	Abraham was the founder of Judaism
Idol	A false god or statue of such
Moses	Received the 10 Commandments
Covenant	God made a special agreement with the Jewish people called 'A Covenant'
Torah	God gave the Jewish people a Holy Book called the Torah
10 Commandments	The 10 commandments are a set of rules that tells them how to live their lives in a way that pleases God.
Star of David	A six-pointed star adopted by Jews as a symbol of Judaism
Prophet	A person who speaks to God. (Abraham and Moses were Prophets)

Key Knowledge
I know what a promise is and understand that trust is important when making an agreement.
I know Abraham was the founder of Judaism.
I know that Jews believe God spoke to Abraham and that Jews believe that there is only one God (Yahweh)
I know that Moses is an especially important figure in Judaism because he could talk to God.
I know that the Ten Commandments are the rules that Jews believe God wanted them to live by.



Star of David



Synagogue



Rabbi



Torah Scroll



Shofar



Abraham

**Songs covered**

- If You're Happy and you Know It
- Sing Me A Song
- Sparkle
- Rhythm In The Way We Walk
- Big Bear Funk
- Baby Elephant
- Cinderella

Key Vocabulary	Definition
tempo	This is how fast or slow the music is.
dynamics	This is how loud or quiet the music is e.g. forte or piano.
pitch	This is how high or low the music is.
beat/ pulse	This is the steady pulse of a tune, you can clap long to it!
rhythm	Long and short sounds or patterns that happen over the pulse, the steady beat



	1	2	3	4	5
Tambourine					
Woodblock					
Drum					
Triangle					

Graphic notation!



Compose with the Song - Big Bear Funk

Note names: Create your composition as a whole class or group activity. Drag notes from the left into the boxes to create your composition.

Note names: D, F, G, A, C

Composition grid:

D	D	F	G	G	A	A	C

Compose a song!

Graphic Score - Sparkly Things

Count 1:




Bar 1:

Bar 2:

Bar 3:



Key Vocabulary	Definition
<b>Landing</b>	After jumping, landing on the floor or mat in a controlled way.
<b>Sprinting</b>	Running as fast as you can.
<b>Dodging</b>	Moving your body to avoid being caught.
<b>Skipping</b>	Jumping over a moving rope.

Skills	
<b>Running</b>	
<b>Jumping</b>	
<b>Skipping</b>	

### Skill Development

- To explore balance, stability and landing safely.
- To explore how the body work when running at different speeds.
- To explore changing direction and dodging.
- To explore jumping, hopping and skipping actions.
- To explore co-ordination and combination jumps.
- To explore skipping with an individual rope.