







**Science Key knowledge to be transferred to long term memory**

	As scientists, we will learn about:	You will remember:
	Materials can change shape by squashing, bending, twisting and stretching them.	In Year 1, you learnt that clay was a material that could change shape.
	Objects that can change shape are known as flexible. Objects that can't change shape are known as rigid or stiff.	In Reception, you learnt that you could change the shape of Play-Doh.
	Materials are chosen to make different objects by the properties they have. Metal is good for a saucepan because it conducts heat. Cotton is good for clothes because it is flexible and soft to wear.	In Reception, you learnt that plastic was a good material for a teddy to wear as a hat in the rain because it was waterproof.
	Materials can be used for more than one thing. For example, metal can be used for coins, cans, cars and table legs. Different materials are used for the same thing. For example, spoons can be made from plastic, wood, metal.	In Year 1, you learnt that everyday objects are made from different materials.
<b>Key Vocabulary</b>		<b>Home Learning</b>
material	What an object is made from.	You might like to learn more about which materials are suitable for different objects through watching the videos on this website <a href="#">Objects and materials - BBC Bitesize</a> .
squash	An object is pressed into a new shape.	
stretch	An object is pulled into a longer, thinner shape.	
elastic	An object that can be pulled but afterwards will spring back to its starting shape.	
stiff	An object cannot be changed by force.	



**Computing Key knowledge to be transferred to long term memory**

	As computer operators, we will learn about:	You will remember:
	Computer programs are created using algorithms. Algorithms are a step by step set of instructions used to solve a problem.	In Year 1, you learnt to code a turtle to move it.
<b>Key Vocabulary</b>		<b>Home Learning</b>
debug	Fixing a code that has a problem.	You might like to use 2Code to create your own story. You can get on this through using your login on the Purple Mash website.


**PSHE Key knowledge to be transferred to long term memory**

	We will learn about:	You will remember:
	Self-care is what we do to look after our own health. Mental health self-care is thinking about how we are feeling and understanding what we need to make us feel happier.	In Year 1, you learnt what made you feel happy and what made you feel sad.



**Design and Technology Key knowledge to be transferred to long term memory**

	As designers, we will learn about:	You will remember:
	In sewing, a running stitch can be used to join two pieces of fabric together.	In Year 1, you learnt to use glue and a stapler to join two pieces of fabric together.
<b>Key Vocabulary</b>		<b>Home Learning</b>
stitch	Joining materials together with a thread or cord.	You might like to create your own hand puppet using a running stitch to join pieces of material together. 
fabric	Cloth made by knitting or weaving together threads.	


**Music Key knowledge to be transferred to long term memory**

	As musicians, we will learn about:	You will remember:
	When singing, posture is very important. Standing or sitting in a relaxed position with level shoulders, hands on your legs and feet placed hip-width apart helps you to improve your singing.	In Year 1, you learnt that having a good posture allows you to breathe better when you are singing.
<b>Key Vocabulary</b>		<b>Home Learning</b>
pulse	The steady beat of the music.	You might like to listen to 'Four White Horses' which is a Calypso style song. <a href="#">Four White Horses (youtube.com)</a>
pitch	High and low sounds.	
tempo	The speed of the music.	

**P.E Key knowledge to be transferred to long term memory**

	As athletes, we will learn about:	You will remember:
	When you have created a dance, other people can watch you perform and give you ideas on how to improve.	Earlier on in Year 2, you learnt that dances can be made using actions such as turning, jumping and travelling.
	When sprinting, keep your torso straight, swing your arms forwards and lift your knees high to help you run faster.	In Year 1, you learnt to run at different speeds.

**R.E Key knowledge to be transferred to long term memory**

	As theologians, we will learn about:	You will remember:
	In Judaism, the Torah teaches Jews that here is only one God. Jews believe they have a special agreement with God called a covenant.	In Year 1, you learnt that the Jewish holy place is a synagogue.
<b>Key Vocabulary</b>		<b>Home Learning</b>
covenant	A promise made between people.	You might like to learn more about Judaism on this website <a href="#">What Is Judaism? - BBC Bitesize</a> .
Torah	The most holy book in Judaism.	