







Science Key knowledge to be transferred to long term memory

	As scientists, we will learn about:	You will remember:
	The same object can have different properties if it is made from different materials. For example: A spoon that is made from metal is rigid, whereas a spoon that is made from plastic is flexible.	In Year 1, you sorted objects by their materials: wood, plastic and metal.
	Ice is frozen water. Ice can be melted when you heat it.	In Reception, you learnt that ice feels cold.
	Waterproof material is a material that keeps the water out or in, like the outside of our school building.	In Reception, you looked at the materials that hats were made from. You tested whether or not they were thick, soft, waterproof, stiff or strong.
	If a material is flexible, it means that it can stretch or bend.	This helped you to decide which weather they were most suitable for.



Key Vocabulary		Home Learning
materials	What something is made of e.g. a book is made of paper	Find a range of objects at home and answer the following questions: <ul style="list-style-type: none"> • What material is it made of? • What properties does the material have? Group together materials with the same properties e.g. wood and plastic are both hard. To find out a little more about everyday objects and their properties, click here: Objects and Materials
transparent	A material you can see through e.g. glass	
opaque	A material you cannot see through e.g. wood	
waterproof	A material which keeps out water e.g. plastic	
absorbent	A material which can soak up liquid easily e.g. sponge	
property	A description of the material e.g. waterproof	

Computing Key knowledge to be transferred to long term memory


	As computer operators, we will learn about:	You will remember:
	If something doesn't work the first time, you can find out what went wrong and fix it. This is called debugging.	In Year 1, you learnt the undo button cancels the last action.

Key Vocabulary		Home Learning
direction	Which way something moves.	You might want to practise this at home. https://www.purplemash.com/#app/tools/2go 
route	A path that something takes.	
algorithm	A set of instructions to get something done.	

P.S.H.E. Key knowledge to be transferred to long term memory


	We will learn about:	You will remember:
	We have a range of emotions, such as happy, sad, scared and excited. Our emotions change throughout the day. Friends and family are important to make us feel happy and safe.	In Reception, you listened to the story of 'The Colour Monster' where you learnt about some of the different emotions. 


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

	As designers, we will learn about:	You will remember:
	When designing a product, you need to think carefully about the materials. Lunchboxes need to be made of materials which are strong, stiff and will last a long time.	In Reception, you looked at the materials that hats were made from. You tested whether or not they were thick, soft, waterproof, stiff or strong. This helped you to decide which weather they were most suitable for.



Key Vocabulary		Home Learning
evaluate	See whether something works well	Try making your own treasure chest at home using reclaimed materials. 
assemble	Put something together	
disassemble	Take something apart	

Music Key knowledge to be transferred to long term memory


	As musicians, we will learn about:	You will remember:
	There are lots of different styles of music, such as lullaby, reggae, waltz, pop and funk.	In Reception, you explored other different styles of music, such as nursery rhymes, rap and hymns.


Key Vocabulary		Home Learning
lullaby	A gentle song to send you to sleep	When at home, see if you can identify any of the styles of music that you have been learning about. You could ask a grownup to help you. 
reggae	Music that came from Jamaica	
waltz	Music written for a special kind of dance	
pop	Pop is short for popular and is music that lots of people like to listen to.	

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

	As athletes, we will learn about:	You will remember:
	During gymnastics, balance, agility and coordination are important when performing.	In Reception, we used the climbing frame equipment in the big hall to develop our balance and agility skills.
	There are basic movements including running, jumping, throwing and catching, which we need to develop to take part in team games.	In Year 1, we learnt how to control different sized balls by throwing and kicking them to our partners in our outdoor P.E. sessions.

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

	As theologians, we will learn about:	You will remember:
	Muslims use prayer beads and prayer mats when they pray to their god, Allah. Muslims celebrate Ramadan.	In Reception, you learnt that people have different beliefs and take part in different celebrations. For example, Christians celebrate Christmas, whereas Hindus celebrate Diwali.

Key Vocabulary		Home Learning
Ramadan	The ninth month of the Islamic calendar where Muslims do not eat or drink during the hours of daylight.	Read 'Shine' by Sarah Asuquo. https://www.youtube.com/watch?v=a0eKNW0X2mo 
Qu'ran	The Islamic holy book	