

Science key knowledge to be transferred to long term memory

As scientists we will learn:

Building on previous knowledge and skills, you will remember:



Sieving separates solid materials of different sizes.
Magnets separate magnetic materials (such as iron) from non-magnetic materials (such as wood and plastic).

In Year 3, you learnt that some materials are magnetic, and magnets attract these.



Some solids (such as salt and sugar) dissolve in water to form a solution. Solids with smaller particles dissolve quicker. Solids dissolve quicker in warmer water.

In Year 4, you learnt that evaporation plays an important part in the water cycle. The water from the sea (which is salt water) evaporates to form clouds (fresh water).



Insoluble substances (such as sand) settle to the bottom of a liquid or float to the top.

In Year 4, you learnt that oil is less dense than water. It floats on top and forms a suspension.



Melting wax is a reversible change because molten wax will solidify into solid wax again.
Toasting bread is an irreversible change because the toast cannot be made back into bread.

In Year 4, you learnt water boils at 100°C and freezes at 0°C. These are reversible reactions.

Key Vocabulary

dissolve	when a solid mixes with a liquid to form a solution
soluble	able to dissolve
solution	a mixture of two or more substances in a liquid
suspension	when a solid does not dissolve in a liquid, but its particles float on the liquid
reversible	a change that can be undone/reversed
irreversible	a change that cannot be undone/reversed

Home Learning

Can you bake a cake with an adult at home? Take a picture of your delicious creation and bring it to your teacher.
When you bake a cake, the ingredients undergo an irreversible reaction.

Computing key knowledge to be transferred to long term memory

As computer operators we will learn:

Building on previous knowledge and skills, you will remember:



Designing a game around a theme (football, Vikings) by selecting the correct code, will make it more appealing to different audiences.

In Year 3, you learnt to use code (instructions for a computer) to get objects to move.

Key Vocabulary

playability	How easy it is to play something
-------------	----------------------------------

Home Learning

You might like to try creating another game at home using:
<https://www.purplemash.com/#tab/2diy3d2>

PSHE key knowledge to be transferred to long term memory

We will learn about:

Building on previous knowledge and skills



Bereavement is feeling sad because a family member, a friend or a pet has recently died.
Different people react to bereavement in different ways.

In Year 1, you learnt it is normal to experience a range of different feelings depending on the situation.

Art and design key knowledge to be transferred to long term memory

As artists we will learn about:

Building on previous knowledge and skills, you will remember:



Aerial perspective is drawn from above looking down on an object.
Frontal perspective (or 1-point perspective) is drawn from the front, facing an object.

In Year 3, you will remember drawing geometric shapes (a cube for example) from observation.

Key Vocabulary

architecture	The design of a building
monument	a statue, building, or other structure erected to commemorate a notable person or event

Home Learning

You might like to do an observational drawing of your home. Can you use the techniques we have been learning in school?

Music key knowledge to be transferred to long term memory

As musicians we will learn about:

Building on previous knowledge and skills, you will remember:



Playing 3 or more notes at the same time will create a chord.

In Term 1, you learnt that two or more notes played together is called a harmony.

Key Vocabulary

ballad	telling a story in short verses
instrumental	a section of music without vocals
chord	a sound created by 3 or more notes making a fuller sound within a song

Home Learning

You might like to research and listen to different ballads at home? Which song do you prefer and why?

Physical Education key knowledge to be transferred to long term memory

As athletes we will learn about:

Building on previous knowledge and skills, you will remember:



A straight jump creates a narrow shape in the air. Combine this with a double foot, bent legged landing to allow a safe dismount from apparatus.

In Year 1, you learnt it is important to make a clear shape, extend your body and point your toes when performing.



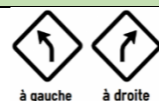
Being aware of where your opponent is and moving into a different space will allow you to evade an opponent.
Moving and changing direction quickly will allow you to evade an opponent.

In Year 2, you learnt that changing direction and speed during running and avoiding games makes it more difficult for opponents to catch you.

French key knowledge to be transferred to long term memory

As linguists we will learn about:

Building on previous knowledge and skills, you will remember:



Magasin means shop in French.
Gare is the French word for a train station.

In Year 4, you learnt *le vélo* is a bicycle, *un voiture* is a car and *un pied* is walking.

Key Vocabulary

Quand je vais à l'école, ...	When I go to school, ...
à droite et à gauche	on the right and on the left

Home Learning

You might like to play a game at home where you give your parents directions in French!

Religious Education key knowledge to be transferred to long term memory

We will learn about:

Building on previous knowledge and skills, you will remember:



The Hajj is a significant journey for Muslims which should be completed at least once in their lifetime.

In Year 2, you learnt that a pilgrimage is a journey for a religious purpose.

Key Vocabulary

Jumu'ah	Friday prayers
wudu	Ritual washing before prayer
Allah	The one and only god in Islam

Home Learning

Can you write the names of the five pillars in Arabic and bring your posters into school for your teacher?