



**Fairfields**  
PRIMARY SCHOOL

My learning journey through:  
**Muck, Mess and Mixtures**



Let's get messy! Muck and mess is good! In fact, it's mega-marvellous!

Dive in and get your hands and feet all sticky and covered in paint.  
Play with liquids, squish some dough, and check out the slushiest and  
mushiest foods.

Pour, mix, stir, splat! Don't worry about the mess..... It will always  
wash!

**Year 2 - Autumn Term 2**

## Key Vocabulary

<b>Celsius</b>	A unit to measure temperature.
<b>diet</b>	The food and drink that a person or animal eats regularly.
<b>dissolve</b>	When a solid mixes with a liquid and can't be seen anymore.
<b>float</b>	To stay on the surface of a liquid.
<b>freeze</b>	To change a liquid into a solid by cooling.
<b>liquid</b>	Something that can be poured easily, takes the shape of its container and can't be held.
<b>melt</b>	To change a solid into a liquid by heating.
<b>mixture</b>	A substance made by mixing solids and liquids.
<b>solid</b>	Something that stays in one place and can be held.
<b>substance</b>	A solid, liquid, powder or gas of a particular kind.

## Knowledge that will help me on my journey:

### Melting

Some materials melt when they are heated. Melting changes a solid into a liquid. Chocolate melts when it is heated.



### Freezing

Some materials freeze when they are cooled. Freezing changes a liquid into a solid. Water freezes at zero degrees Celsius (0°C).



### Safety symbols

Symbols are used on packaging to warn people that the solids or liquids inside are dangerous.



This symbol is a warning that the substance is flammable. This means that it could easily catch on fire.



This symbol is a warning that the substance is corrosive. This means that if touched, it could burn and damage skin.

## Food groups

The foods we eat come from animals, such as meat, honey, milk, fish and eggs, and plants, such as grains, fruit, beans and vegetables. It is important to eat a healthy, balanced diet so that our bodies work properly. Below are the different food groups and how many we should eat each day.



**Fruit and vegetables** contain vitamins and minerals, which help us to stay healthy.



**Proteins** helps our bodies to grow and repair. They are found in meat, fish, eggs, beans and nuts.



**Carbohydrates** give us energy. They are found in wholegrain cereals and breads, potatoes, pasta and rice.



**Fats and oils** give us energy and help to keep us warm. They are found in butter, oils and spreads.



**Dairy and alternatives** are a good source of energy. They are found in milk, yoghurt and cheese.



**Foods high in sugar and salt** should be eaten less often as they are not needed as part of a healthy diet. They are found in fizzy drinks and chocolate.

**Don't forget!** When preparing, cooking or eating food, it's important to wash your hands and store food properly. This is important to make sure the food you eat is safe and free from germs.





<b>Science Knowledge</b>	<b>Date</b>
Tests can be carried out by following a set of instructions.	
A prediction is a guess for what might happen in an investigation.	
<b>Art and Design Knowledge</b>	<b>Date</b>
Aspects of artwork to analyse and evaluate include subject matter, colour, shape, form and texture.	
The secondary colours are green, purple and orange. These colours can be made by mixing primary colours together.	
Pieces of art are important for many reasons. For example, they may have been created by famous or highly skilled artists; the subject matter is interesting or important or the artist created a large body of work over a long period of time.	
<b>Design Technology Knowledge</b>	<b>Date</b>
Ideas can be communicated in a variety of ways: drawings, diagrams, written work, modelling, speaking and using ICT.	
Some ingredients need to be prepared before they can be cooked or eaten.	
A healthy diet should include meat or fish, starchy foods, some dairy foods, a small amount of fat and plenty of fruit and vegetables. Food comes from two main sources; animals and plants e.g. cows provide beef.	
<b>Computing Knowledge</b>	<b>Date</b>
Multimedia components, such as text, images, audio and video clips, can be created, edited and combined to create content for a range of tasks.	
Each type of software, such as word processing, presentation and image editing, can be used for different purposes, including writing reports and creating slide shows or posters.	