



**What I should already know:**

We all live in a home and animals have a home too.

We wear different hats in different weathers.

Some materials melt when warm and become solid when cooled.

What happens when two or more known objects are mixed.

How to separate two or more known objects.

Bubbles are made from a soapy mixture.

**By the end of EYFS:**

Children can describe a range of homes and give reasons why different homes are suitable for the people who live there.

Children can give reasons why a particular hat is suitable for a particular type of weather, based on simple properties of the material from which it is made.

Children can name some materials that melt and describe what they observe during the melting.

Children can use comparative and descriptive language to talk about what they notice when they mix two or more materials together.

Children can talk about the size of an object, how it goes through a sieve and therefore how the sieve can be used to separate objects.

Children can describe how they made bubbles and compare their bubbles to others.

**EYFS**  
**Objects and Materials**  
**Science: Chemistry**

**Who lives here?**



Animal homes: stable, nest, kennel

Human homes: house, flat, bungalow, tent, caravan

Materials: brick, wood, concrete, ice, sticks

**What hat is best to wear today?**



- Cap
- Hood
- Material
- Suitable types
- Weather

**What melts?**



- Chocolate
- Freeze/freezing
- Heat
- Melt/melting
- Warm/cool
- Warmer/cooler
- Water/ice

**What happens when you mix it?**



**BANANA MILKSHAKE**  
Try this recipe for a banana milkshake at home with your family.  
**Ingredients:**  
• 1 banana  
• 300 ml milk  
**Equipment:**  
• Fork  
• Strainer  
• Bowl  
• Measuring jug  
• 2 glasses  
• Straws (optional)  
**Instructions:**  
1) First, peel the banana and mash it up using a fork in the bowl.  
2) Next, measure out 300 ml milk into the measuring jug.  
3) Then, add the mashed banana and whisk.  
4) After that, pour into 2 glasses.  
5) Finally, add straws (optional) and share with someone in your family.



Descriptive language: soft, slimy, hard, stiff.

Dry and wet

Materials: sand, sugar, rice, pasta, oil, water.

Mix

Mixture

Comparative language:

Smaller, bigger, larger.

Grains mix

Materials: flour, sand, rice, sugar.

Mixture

Separate Sieve

**How do you make a good bubble?**



- Bubble Burst Bigger
- Float Higher Longer
- Materials
- Mixture/Mix

**What goes through?**

