

## Maths

- Ask a grown up for some coins. Which ones do you recognise? Can you find any numbers you know? Float a large orange or lemon in a bowl of water. Now try to balance a coin on top without it falling into the water. How many coins did you manage to balance? How much money were they worth?

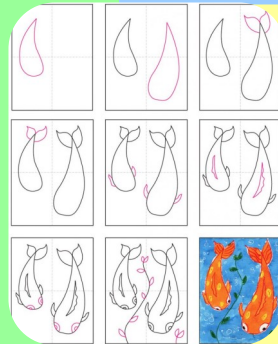
- Make a foil boat. How many coins can you put in your boat before it sinks?



# Floating and Sinking

## Expressive Art and Design

- Explore different pieces of art showing fishes. Which is your favourite? Why? What do you think the artist used to make it? Now have a go at making your own fish. What will you need? What colours will you use? Ask your family to make a fish with you. Explore how the finished fish are different and the same.



These activities are cross curricular. That means they will support learning in other areas including the Prime areas; Communication and Language, Personal, Social and Emotional and Physical Development.

Encourage your child to make their own suggestions, develop and change their own ideas and find ways of solving problems they encounter. This supports the development of the Characteristics of Effective Learning.



## Literacy

- Ask a grown-up to help you collect things from around the house that you can put in a bowl of water, or in the bath. Talk about whether you think the things you collect will float or sink. Investigate by putting them in water. If something is floating can you make it sink? Make a list of things you found that float and things you found that sank.

## Understanding the World

Have a go at these exciting floating and sinking experiments... can you talk about what you think is going to happen?

- Floating Ball Game
- Floating Ice Boats
- Bobbing Bouncing Raisins
- Layered Liquids

