



## April Science Challenge

### Title: Oil spill

\*You will need adult help for this\*

#### Resources:

- Clear plastic container
- Tray
- Vegetable oil
- Spoon
- Water
- Cotton buds
- Cotton wool
- Paper towel
- Sponge



#### Instructions:

1. Fill the clear container halfway up with water. Drop a small amount of oil into the water using the spoon. The oil will float on the top. \*You will need adult help for this\*
2. Use a cotton bud to move the oil around the surface of the water.
3. Pour enough water into the tray to cover the bottom surface and carefully drop two tablespoons of oil onto the surface of the water. \*You will need adult help for this\*
4. Use the cotton wool and paper towel to experiment which would be the most absorbent material for cleaning up the oil spill.

**Please send a photo on Class Dojo to your teacher. All entries will receive a sticker.**

#### The Science:

An oil spill happens when sea water is contaminated with oil. This can be an accident, or an error caused by humans. Oil spills are extremely damaging to marine wildlife and humans if the oil gets into the food chain.

## Science of the Month

### Biodiversity - Oceans



#### Choose one of the following topics to investigate:

1. Find out about the dangers of plastic pollution.
2. Make a list of five different ways that we can reduce our plastic consumption.
3. Find out about three of the biggest oil spills in history.
  - Where did they happen?
  - How much oil was spilt?
  - How did this effect marine wildlife?