

Science at Home

This week, the children have looked at environmental news and discussed how different areas of the world are trying to protect the environment from China to Costa Rica. The children have also learned about a boy, who discovered a tooth from a megalodon (the largest shark that ever existed). I wonder if the children may find any interesting fossils on their holidays!

Equipment: Tin foil, glass plate, dry erase pen (whiteboard pen).

1. Take a piece of smooth foil or a plate.
2. Draw a picture on the foil or at the bottom of the plate.
3. Pour some water carefully onto the foil or plate and close to the edge of the drawing.
4. Your drawing should start to lift off the plate or foil.
5. Can you use a straw to blow the drawing around?



How does it work?

Dry erase markers contain ink that isn't very adhesive, so it doesn't stick to the plate or foil well. This is the same reason it is so easy to remove from a whiteboard at school. When the water was added, the ink that is insoluble floats as it is less dense than the water.

