



Understanding of the World

1. Watch the video about cleaning up the ocean
<https://www.youtube.com/watch?v=7OWAWozrs0o>. Think about things you could do to help keep the sea clean, or make a list of other things you could do to save the planet. Can you agree as a family to do one thing together for the whole week?



2. Try the rainbow experiment!

— Materials needed:

- Glass of water
- piece of white paper
- full sunlight (or a bright torch)

— Procedure:

- Place a glass of water in direct sunlight. Hold the white paper below the glass. Look for the rainbow!

— The science behind it:

- Rainbows are formed when light passes through water droplets. As the light comes through, it is refracted, just like in the bending pencil experiment above. As a result, the light separates into its different colors, which forms the rainbow.

