

Welcome to Week 1 of the new HBN home learning packs!

Well done to everyone who has been working hard, and helping their parents and families at home.

This week's theme is Creatures of the Deep! Try as much of the materials as you can. Stay safe,

The Year 5 team x



Week 1: Creatures of the Deep

Year 5
HOME LEARNING

Riddle of the Week:

What becomes wetter the more it dries?

The answer and a new riddle next week!

This week's bonus challenge:

Record a quick video of yourself telling a funny joke. Email it to lee.brooks@sch.im and I will edit them all together and show you the whole video!

Science



For many months of the year, the seas around the Antarctic and Arctic are covered over by an amazing substance... ice. Though this is changing as the planet gets warmer.



Experiment: The Melting Race

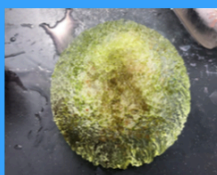
As a reversible change, we know ice will change state back to water, as it warms above 0°C. But what can **speed up melting**?

- Half fill 3 glasses with tap water. Leave until all 3 are roughly the same temperature.
- Take 3 ice cubes (the same size) and put one in each glass. (They will float because water is **more dense** than ice.)
- The ice will begin slowly melting straight away. Leave **one** glass/ice cube to melt on its own.
- With the other two ice cubes, you can change **one thing** to **each** to try speed up the melting!
- E.g. you might change where you put them, add something to the glass... or anything else!
- Anything you change or do to the ice, you may change or do for the **whole** time it is melting.
- Record the differences you notice between the ice cubes, and how long each takes to melt.
- For fun, if you have some, you may add food colouring before you freeze your ice cubes!

Art

Make your own Sea Anemone

All you need are blocks of ice (variety of sizes), watercolours and/or food colouring and salt. First freeze a block of ice, this could be done in a plastic sandwich bag or container. Next, once frozen remove the ice from container. Sprinkle salt onto the block of ice and then colour with either the food colouring or paints. Hold the blocks of ice up to the sun when finished and marvel at your amazing sea anemone!



P.E.

Open up this week's P.E. workout page to find out how to:

1. Move like a Sally Lightfoot crab!
2. Squat like a laying turtle!
3. Jump like a Mako Shark!
4. Move like a Cuvier's Beaked Whale!

