



Year 5 and Year 6 Home Learning Menu

Pirates!

Topic

- Find out about who Pirates were and what they did.
- Can you research why there are three types of Pirates and why they are different.
- Research as to why Pirates used different names or as it was called aliases.
- Find out about the famous Pirate 'Blackbeard'
- Create your own treasure map using co-ordinates and instructions to find the treasure. Ask someone at home if they can find the treasure by following the instructions you have given. Try and make it as tricky as possible.

Science

- Carry out the science investigation below to learn about density.
- When you have finished the experiment explain to someone what density means.

PE

Keep fit using these ideas:

- Create a circuits session for your family. Make stations with different activities on and then see how many activities they can do in the set amount of time.
- Joe Wicks 9am every Monday, Wednesday and Saturday on YouTube
- Cosmic Yoga on YouTube
- Look on Facebook for Mr Henham's challenges

Computing

Use 2Quiz on Purple Mash to create your own pirate themed quiz. Use what you have learned through your topic work to create your quiz.

Remember to save it so we can see your work!

Art

- Design and build a pirate ship using junk/scrap. Your pirate ship must be able to float, so think about the materials you will use.
- Create a pirate themed game. Think about what obstacles the pirates need to overcome to reach the treasure.

Writing

Look at Oak Academy's website each day for your English lesson. Make sure you have a pencil and some paper ready!

<https://www.thenational.academy/online-classroom>

Maths

Go to Oak Academy's website for your daily Maths lesson. Just use the subjects tab at the top to find your year group and turn your Maths brains on!

<https://www.thenational.academy/online-classroom>

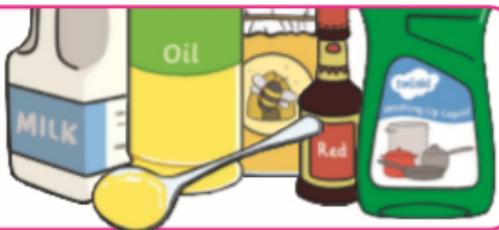
Consider this...

Discuss with a friend or someone at home, about why might people turn to piracy as a 'job' or way of life even though it is dangerous and illegal?

Fun with Density

You Will Need

- Honey
- Milk
- Water
- A Glass
- Vegetable oil*
- Food colourings
- Golden syrup
- Washing up liquid



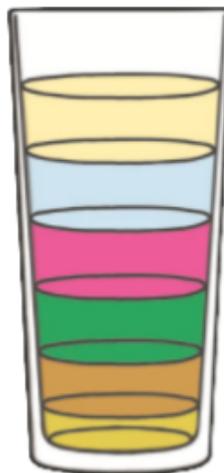
* Please dispose of oil safely and responsibly.

Density is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.

Method

- 1 Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
- 2 Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
- 3 Slowly pour the golden syrup on top, followed by the washing up liquid.
- 4 Then add the milk, followed by the water.
- 5 Finally top with vegetable oil and admire your rainbow glass!



The Science Bit

Each of the liquids have a different mass of molecules or different numbers of parts squashed into the same volume of liquid, this makes them have different densities and therefore one can sit on top of the other - the more dense a liquid is the heavier it is.

Do you think you could float small objects on each of the different levels? We'd love to see a photo if you can.