



Science Newsletter

Autumn Term



Science at Rhodes this term

What a fantastic term for Science we have had. Throughout the school, different year groups have looked at various Science topics and been involved in exciting investigations. In Reception, they have been exploring magnets by finding out what is magnetic and what is not. Year 1 have been exploring light and dark by using torches to draw different shadows. In Year 2, they have been investigating which ice cube would melt first, the one in a sock or the one outside a sock. Their results were surprising! Year 3 have been looking at things that are able to sink and float. They carried investigations involving putting lots of different objects in to a container full of water to observe whether they would sink or float. Year 4 have been learning about electricity and about being safe near electricity. They also investigated what materials conduct electricity and which materials are insulators. Further up the school in Year 5, they have been learning about properties of materials. This has involved investigating materials that can dissolve or be separated. They did a series of challenges to see if they could work out how to separate one material thing from another through filtering and sieving. Year six have covered micro-organisms and grew mould as part of an investigation.

Science in the news

- Interstellar asteroid is being checked for alien technology. The odd-shaped object was detected as it sped towards the Sun on 19th October. It is elongated and scientists say how strange it is that it is elongated.
- Nasa has found a distant star circled by eight planets, equal to the complement in our own Solar System.

Try this at home

How do you get a boiled egg into a glass bottle?!

This experiment involves putting a boiled egg on top of a glass bottle to then see if it can squeeze through. If it does not go through, fill it with a little bit of water. Then, burn some newspaper and put it in the bottle. Put the egg back onto the bottle, does the egg go in? If yes then this is why. The air on top of egg is pushing it downwards and the air underneath the egg is pushing it upwards. Eventually the egg drops into the bottle.

Remember always ask an adult to help you!

Science Gallery



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