

Year 2 - Summer 2

Significant Explorers & Materials

Science- Materials



In science, we will be naming materials and describing their properties.

Key Vocabulary

- Materials-** What objects are made from.
- Suitability-** Having the properties which are right for a specific purpose.
- Properties-** What a material is like and how it behaves.
- Transparent-** Light completely passes through an object or material, and you can see clearly through it.
- Translucent-** An object or material that you are not able to clearly see through because only some light can pass through.
- Opaque-** An object or material does not allow any light to pass through it.
- Commemorate-** To celebrate and remember a person or event.
- Explorer-** An explorer is someone who goes on an exploration.
- Exploration-** A journey where explorers travel to unfamiliar places.
- Polar-** Used when talking about anything to do with the North Pole or the South Pole.
- Significant-** Important and worth knowing about.
- Voyage-** A long journey, especially by ship. The word voyage can also be used to describe journeys in space.

Art – Boats That Float



We will be using a range of recyclable materials to make a boat that floats.

Maths Fluency

measurements and scales, presenting data in different ways, shape and time, mental calculation, written methods for addition and subtraction

R.E

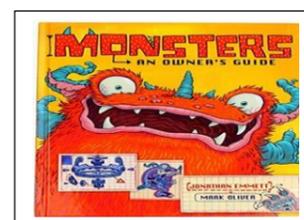
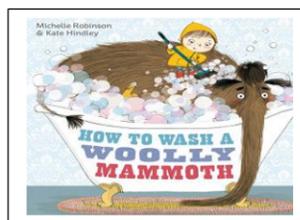
We had to celebrate and be happy because your brother was dead, but now he is alive. He was lost, but now he is found.
Luke 15:32

Our School Prayer

This is our school,
Let peace dwell here,
Let the rooms be full of contentment.
Let love abide here,
Love of one another,
Love of mankind,
Love of life itself,
And love of God.
Let us remember
That as many hands build a house,
So many hearts make a school.



Lead Texts



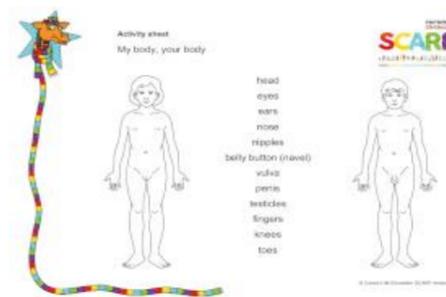
History- Significant Explorers

Neil Armstrong was the first man on the moon in 1969 and was shortly followed by Edwin 'Buzz' Aldrin. Armstrong's famous words when he stepped on the moon were "That's one small step for man, one giant leap for mankind."



Well-being / RSE

Growing and Changing



Science- Materials



Did you know?

Umbrellas need to be made from waterproof materials, for example, plastic.

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Below are some activities that you could explore at home, linked to our theme.

These projects can be worked on over the whole half term.

You can complete as many as you'd like to.

Please send photos of your completed projects into school using the TEAM platform as each week we will share and celebrate completed projects in class.

- Go on a material hunt around your home. How many different materials did you find?
- Investigate whether objects around your home float or sink. Record your results in a table.
- Using natural materials found in the environment, make a collage of your choice.
- Grow your own crystals! Fill a jar with warm water from a kettle (ask an adult to help you) and add several teaspoons of salt to the water. Stir until the salt has dissolved. Add several more teaspoons and stir. Repeat this until no more salt will dissolve. Tie a paperclip onto the end of a piece of cotton and wrap the cotton around the straw. Bend down the ends of the straw and secure over the jar with an elastic band. After a week, you should see crystals growing around the paperclip.
- Choose either Charles Macintosh or John Dunlop. Use books and the Internet to research their lives and work. Make a fact file to record your learning.
- Keep a tally of all the items you recycle in a week by recording what material the objects are made from.
- Follow a recipe or a set of instructions on how to make something. Take a photograph of your finished product.
- Write a set of instructions on how to make a sandwich of your choice. With adult support, follow your instructions to make your sandwich and take a photograph of your yummy creation!
- Pick a parable that Jesus told and act out the story. Take a photograph of your role-play.
- Gently squeeze the muscles in your feet by tightening and slowly releasing them. Work your way up your body by tightening and relaxing all your muscles as you go.
- Write some questions you would like to ask a significant explorer.
- Explain the sort of exploration you would like to go on and plan what you would need.
- Can you make a paper boat and does it float?
- Create a PowerPoint on oceans and plastics, and how using recycled materials has scope for raising awareness about the importance of disposal and recycling of waste materials.

This half term, we will be looking at materials and their properties and investigating the suitability of different materials for their uses. We will also be learning about significant explorers and their discoveries. We will learn about the impact these discoveries have had on the world.