

Science Week – Reception

Journeys

In Reception we talked about what a time capsule is and how to make one.

We took a photograph of ourselves, drew around our hands and wrote down what our favourite colour and food is. We also put a small toy inside the capsule. We then closed our time capsules up and attached a label with our name on.

We are going to open our capsule in a year's time!



Science Week – Reception/Year 1

Journeys

Year 1 children researched the famous scientist Helen Sharman. Helen was the 1st British person to go to space. We created a fact file about her and also a timeline about her achievements. We carried out some scientific experiments about different paper aircraft and made our own paper aircraft to test. We also investigated which material would be best to use as a 'space nappy'

Reception children looked at the journey of time. They made their own personal time capsules which we will store away and look at again next year. I wonder how things will change over time?



Science Week – Year 1/2

Journeys

We researched Helen Sharman, the first Brit in Space. We created a fact file and then completed a timeline of her life.

We also investigated the best materials for making an 'Astro-nappy' and we found which materials are the most absorbent. We also investigated the journey of an aeroplane.



Science Week – Year 2

Journeys

What a busy week we have had. First, we carried out an investigation to observe the 'journey of the bean' from bean to beanstalk! We did this by growing beans in different conditions and made predictions about what we think will happen. We will observe them over the next few weeks.



Next, we observed the journey colours made when they reacted with milk and washing up liquid. The patterns were mesmerising!



After that, we took part in a soap boat experiment, where we made foam boats journey across water using washing up liquid and toothpicks. We discussed what we expected to see and observed the outcome of the experiments.



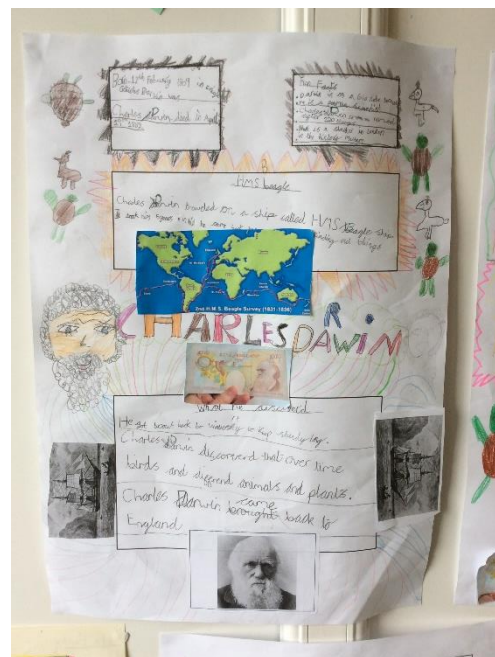
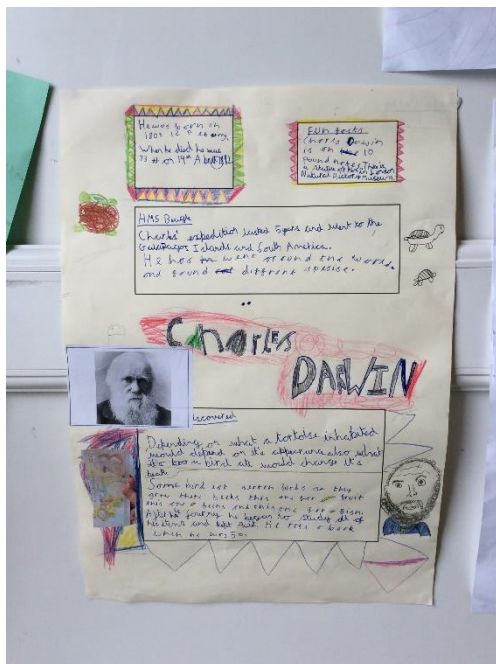
During science club that week, we made George's Marvellous Medicine (our current class reader) and followed George's recipe. It was fantastic! The classroom smelt very interesting indeed. Then, we wrote our own Marvellous Medicine recipe and shared it with our friends.

Science Week – Year 3

Journeys

We researched Charles Darwin and created a poster about his expedition on HMS Beagle. As a naturalist, it was his job to observe and collect specimens of plants, animals, rocks, and fossils.

We also went on our own journey, like Australian Aboriginals did, tying objects to a stick. We used different materials and colours to represent the different objects we found along our way!



Science Week – Year 4

Journeys

We researched Alexander Graham Bell, creating a fact file or poster about his achievements and legacy. He investigated how sound travelled and invented the telephone. We also learned an 'Amazing Science fact' each day. Did you know that human beings get slightly taller in space because there is no gravity pulling them down?

We also carried out an investigation to observe the 'journey of water,' creating our own mini Water Cycles.



Science Week – Year 5

Journeys

We linked to our work on Bridges and Rivers. Keith, a volunteer for the Mersey Gateway project, came in to talk to us about the new bridge: the planning and cost involved, the engineering to build it and make it strong, and the impact on the local area around us.

We then investigated the forces involved in different types of bridges. We used this knowledge for our Design Technology project- designing and making a strong bridge using cardboard and art straws- thinking about the tension and compression involved.

We also researched about a very important journey for Science- the first moon landings, drawing pictures and creating an e-book about the astronauts' journey.

Finally, we used spray bottles to represent the journey of a sneeze! We investigated and found how far sneezes travel, and what we can do to prevent the journey affecting too many people!



Science Week – Year 6

Journeys – The DNA Race

We looked at how scientists have discovered how the structure of DNA is unique in every living thing on earth. We also attempted to compile our family trees and discussed what features we had inherited from our parents. Year 6 then made some double-helix model strands of DNA using pipe cleaners and beads. Trying to say Deoxyribonucleic acid was also fun!

