



Science Across the School – Autumn Term

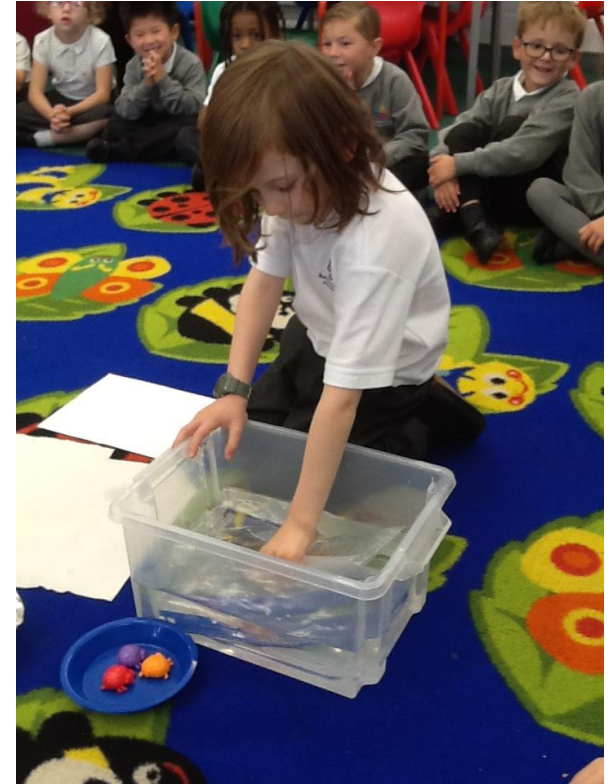


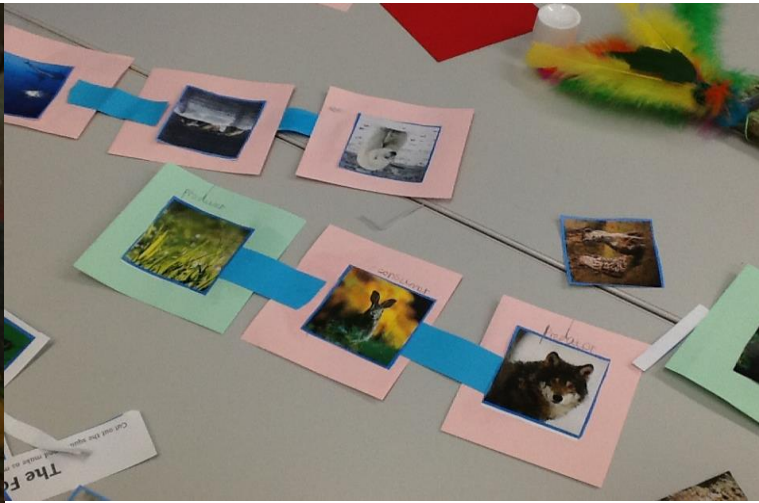


EYFS



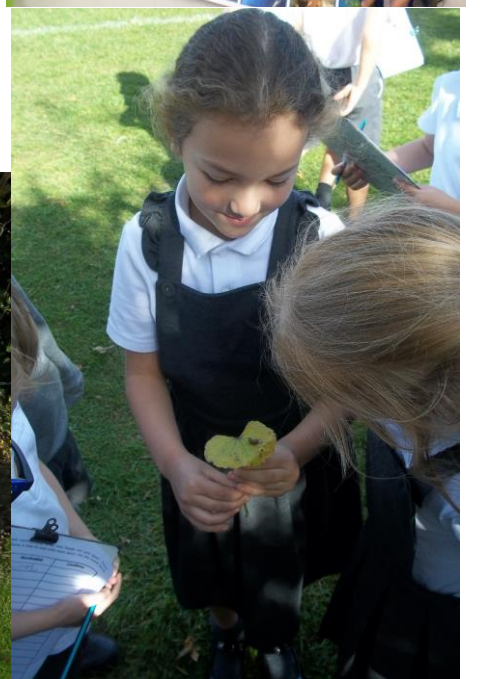
Year 1 – Science Exploring Materials





Year 2 – Science

Living Things and their Habitats





Year 3 – Rocks and Plants





Monday 14th
November 2022



Today we visited RHS Hyde Hall, we learnt about how soil was formed and how healthy soils are essential for healthy plant growth, human nutrition, and water filtration. We learnt about the important components of soil. We re-capped on the different types of rock and explored which ones were permeable and non permeable. We did fossil rubbings and did watercolour illustrations of geodes. We also made paper pots and planted cress seeds.





Year 4 - Sound

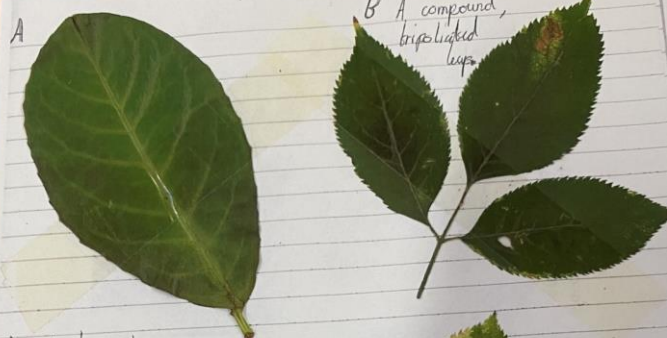
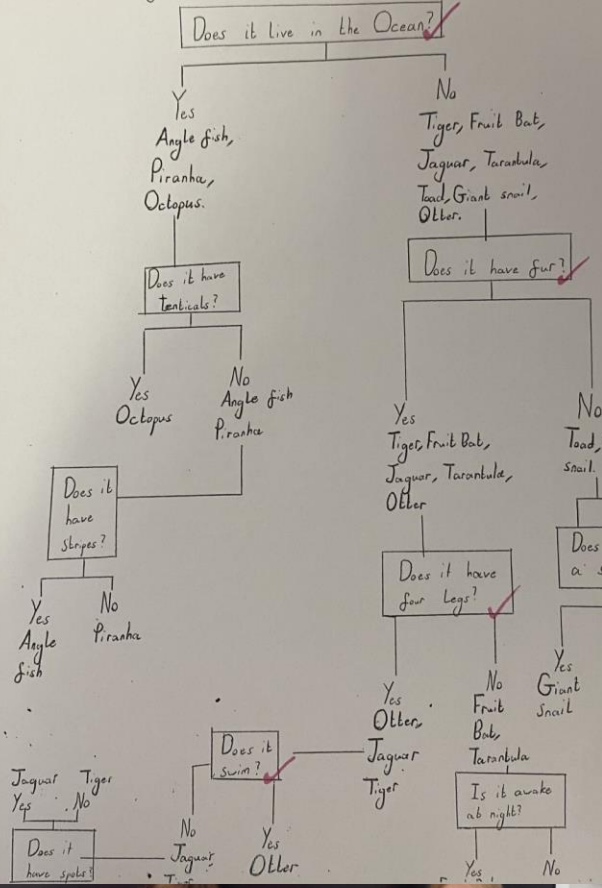
Year 5 Science Theatre Visit



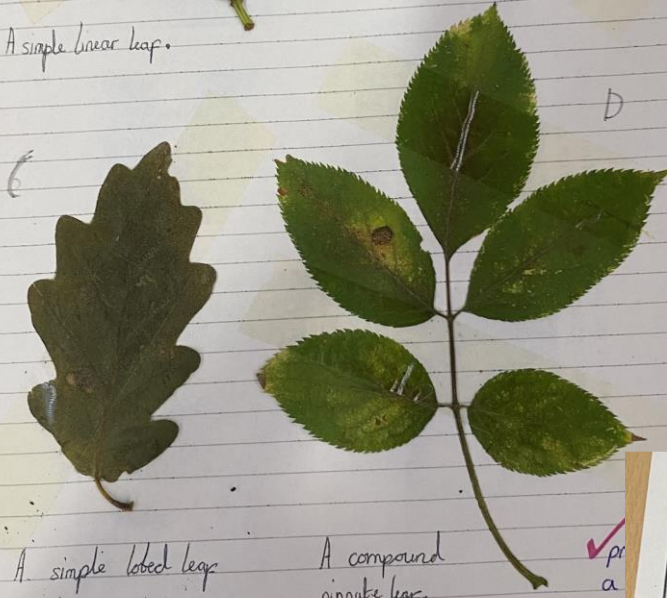
As part of our studies across the school on helping the Environment, Year 5 were fortunate enough to see 'Abbie Ayre & the Shed of Science', a Year 5 Air Quality & Sustainable Travel theatre presentation. We really enjoyed watching the show and interacting with the actors as we learned the importance of air quality and the need for environmentally friendly travel.

Clayton

Tiger, Jaguar, Fruit Bat, Tarantula, Toad, Angle fish, Giant snail, Piranha, Octopus, Otter



A simple linear leaf.



A simple lobed leaf

A compound pinnate leaf.



Invertebrates!

- Mammals** (sprung picture trend!): Mammals are warm blooded creatures with fur/hair. When they give birth, they don't lay eggs, they feed milk to their young. (AKA humans/cows etc). *COOOOOOO!*
- Fish**: Fish have scales on their body, have gills instead of lungs. They are cold blooded. The only mammal that lives in the sea is a whale! (lots of others mistake it for a fish).
- Amphibians**: Amphibians have moist and slimy skin. They lay eggs only in the water and are cold blooded!
- Birds**: Birds have feathers and wings, beaks and lay eggs. They are also warm blooded. When they fly they flap their wings!
- Insects**: Insects have 6 legs, 3 body parts, and 2 antennae!
- Arachnids**: Arachnids are creepy crawlies with 8 legs, 2 body parts, and no antennae!
- Protozoa**: Protozoa are a single cell organism, they're so small that you need a microscope to see them!
- Echinoderms**: Echinoderms are spiny sea creatures. (AKA starfish, sea urchin).
- Platyworms**: Platyworms do live up to their name they're flat and they're worms. They are soft bodied and simple.
- Crustaceans**: Crustaceans are mostly sea creatures, many legs and two sets of antennae!
- Platyhelminths**: Platyhelminths are flat worms.
- Rotifers**: Rotifers are tiny animals.
- Hydras**: Hydras are simple animals.
- Amoebae**: Amoebae are single-celled organisms.
- Paramecia**: Paramecia are single-celled organisms.
- Slime molds**: Slime molds are simple organisms.
- Viruses**: Viruses are tiny particles.
- Bacteria**: Bacteria are tiny organisms.
- Fungi**: Fungi are simple organisms.



Year 6

A beautifully presented piece