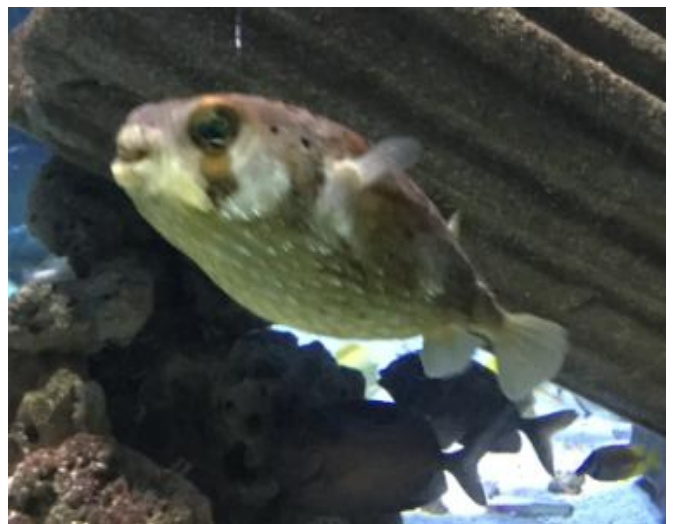


Year 1 visited Blue Reef Aquarium

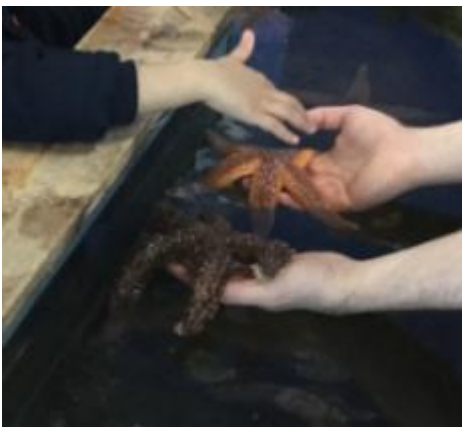
The children observed a wide range of fish and sea creatures at close quarters. They were able to talk about the characteristics of fish whilst on the visit – scales, fins, tails, etc.



The children also observed mammals and could compare these with fish, discussing how they were similar and different.



They observed reptiles and could talk about their scaly skin and hard shells.



The children had an opportunity to touch starfish and other creatures and to feel the texture of their skin.

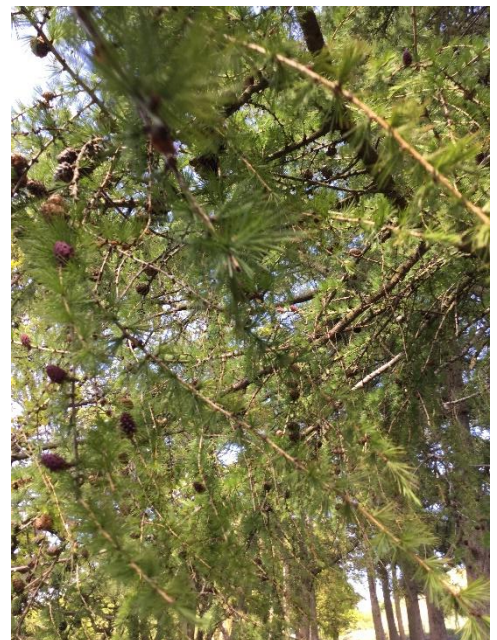
Year 1 visit to Ropner Park.

As part of our ongoing science work we visited Ropner Park to look at plants – more specifically deciduous and evergreen trees. The children were able to identify which trees were evergreen and could recall the names of some trees – Horse Chestnut, Holly and Maple. We collected a range of leaves, conkers & pine cones which the children were then able to identify and classify.



We also looked first hand at how trees change during different seasons. The children could see the flowers and new leaves on the Horse Chestnut trees. They were able to identify the sticky buds where the leaves had grown from.

Children were able to identify a range of common trees and plants, including Bluebells, Daisies, Buttercups, Dandelions, Horse Chestnuts, Holly, Maple and Oak. They could point out evergreen and deciduous trees and talk about how they were different. They were also able to talk about the weather in relation to their work on seasonal change and could explain why the deciduous trees had leaves on them.



We spotted a caterpillar on some leaves and talked about the lifecycle from egg to butterfly.

The children were able to point out and name the parts of different trees (trunk, branch, leaves, roots, etc.). They were able to sit on fallen trees and had to be careful not to trip over roots that were clearly visible on the paths.

The children observed a variety of birds during the visit and could hear them singing in the trees. They were able to talk about the features of birds – wings, beaks, able to fly, feathers, etc.

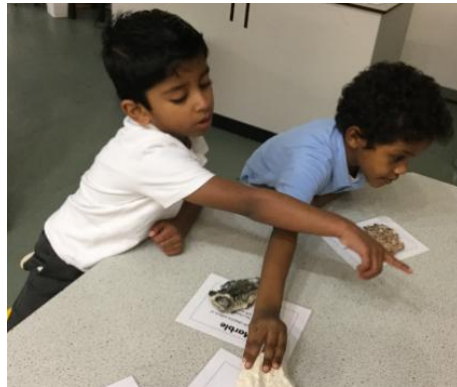
The children observed cows first hand and were able to explain that cows were mammals giving reasons – they have hair, give birth to calves, feed calves milk.

Year 3 visited the Life Centre- Gateshead.

Working alongside scientists, the children had the opportunity to develop their scientific enquiry skills.

Grouping rocks based on appearance.

Identifying different rocks based on given properties.



Experiment: Which soil holds the most water?

Children made predictions before carrying out an investigation – they discussed fair testing and recorded their results.

Year 6 children took part in the Children Challenging Industry programme.

Taking on the role of engineers, the children were challenged to make a circuit with a sensor/switch that will tell us when the well has enough fresh water. They managed to see some of their work in action at Hartlepool Power Station!



During their visit, the children learnt how electricity is transported to homes around the town. They enjoyed meeting the engineers and developed an understanding of their responsibilities when providing energy to homes.