

We are Scientists! – Spring 1

Science (Classifying critters)

- **Classification: Animal, vegetable or mineral?** (Pupils introduced to branching keys to classify.)
- **Classification key** (Pupils are told that Y4 are going on a bug hunt and need a way to work out what each bug they collect is called. Pupils create keys for common bugs.)
- **Microorganisms** (Pupils look at if they are beneficial or harmful, research Edward Jenner and compare compost heaps and how bacteria carry out the same job in human digestive systems.)
- **Fungi** (Pupils explore category mushrooms come under. Pupils then investigate mould.)
- Pupils check in on the patients from 'Plant doctors' session and find out how they create their own food in the form of sugars using water, light and carbon dioxide. They consider the role of each plant part in photosynthesis.)
- **Vegetation.** (Leaves are a useful way of identifying plants, but they come in so many shapes and sizes! Pupils take a closer look at the structure of some collected leaves before creating a dichotomous key to help identify them.)
- **Carl Linnaeus.** (Linnaeus Introduce Carl Linnaeus as the 'father of classification'. Watch a video about him & his science. Find out how he simplified & unified the naming of living things using a binomial Latin system which is still used today. He classified unicorns & dragons! Create fact file.)