

## Science at Perryfields - Year 1

	<b>Key Vocabulary</b>	<b>BLP Links</b>	<b>Community</b>	<b>Cultural Capital</b>
<b>Working Scientifically</b>	Gather, measure, equipment, sort, compare, observe, describe	Noticing (observations), questioning (asking about investigations), and collaboration.	Jenny Watson delivered activity linked with WS objectives. Whole school assembly.	Picture news – where relevant.
<b>Plants</b>	Names of locally found plants/trees, leaf/leaves, flower, blossom, petal, fruit, root, bulb, seed, trunk, stem, bark	Listening, making links (types of plants/trees)	Outdoor areas to explore, local parks/garden centre/invite local expert in.	Jobs - Environmental Scientist, Botanist. Links with real life – planting own flowers in garden, recognising types of plants/trees at home.
<b>Animals inc humans</b>	Names of common animals, fish, amphibians, mammals, reptiles, birds, pets, names of basic body parts.	Listening, noticing (links between types of animals).	Outdoor areas to explore, local parks. Visit from the animal man.	Jobs - Vet, Nurse, Zoologist. Links with real life – recognising types of pets.
<b>Changes in Nature</b>	Seasons, weather conditions e.g. stormy, windy, sunny, hail, snow, thunder, lightning, rainbow, day, night, planets, solar system, reflectors.	Noticing (observations), imagining (weather conditions in other countries/typical seasons).	Weather station in school, photos from families of weather experiences.	Jobs - Weather Reporter, Astronaut, and Climatologist. Links with real life – preparing for weather.
<b>Materials</b>	Object, names of simple materials, hard, soft, stiff, bendy, waterproof, absorbent, rough, smooth, shiny, dull, see through,	Making links, planning (an investigation).	Local area walks to explore new materials.	Jobs - Design Engineer. Links with real life – clothing, choosing materials to suit.

### Vocabulary:

Vocabulary to be displayed on or near science display and referred to regularly. Access to a full list of vocabulary through excel document on staff share including adult use of vocabulary to use with children.

### BLP:

Many BLP skills link to learning, such as absorption, managing distractions and perseverance and therefore may appear in most science lessons. Depending on objective, BLP skills will apply and teachers to choose relevant BLP skills and display/discuss for each lesson.

### Community:

Links with Jenny Watson, local science teacher, delivering workshops and assemblies to all children in school, once per year. Celebrating British science week, links with High School – UKS2, some class trips involve science link (Think Tank, Transport Museum). Also to involve parents who have science related jobs.

### Cultural Capital:

In order to prepare children for future success, we make links with our science topics to real world and real life, picture news (often science related), how science skills and knowledge can be transferrable, introducing jobs related to science <https://nustem.uk/primarycareers/#tab-id-5>.