Science At Perryfields

Year 2

	Key Vocabulary	BLP Links	Community	Cultural Capital
Working Scientifically	Gather, measure, equipment, sort, compare, observe, describe, diagrams, similarities, differences, patterns.	Noticing (observations), questioning (asking about investigations), and collaboration.	Jenny Watson delivered activity linked with WS objectives. Whole school assembly.	Picture news – where relevant.
Plants	Growth, healthy, shoot, seedling, temperature, damp, dry, light, dark, cool, fully grown, soil, earth.	Listening, making links (how plants can grow in similar/different ways).	Outdoor areas to explore, local parks/garden centre/invite local expert in.	Jobs - Environmental Scientist, Botanist. Links with real life – helping plants to grow effectively.
Animals inc humans	Offspring, change, basic needs, survival, exercise, food types, hygiene.	Listening, noticing (links between life cycles of animals) imagining.	Outdoor areas to explore, local parks.	Jobs - Vet, Nurse, Zoologist, Marine Biologist. Links with real life – recognising need for healthy eating/exercise.
Living Things and Habitats	Living, dead, never alive, offspring, micro-habitats, depend, food chain, suitable.	Questioning, reasoning (food chains).	Outdoor areas to explore, local parks,	Jobs – Animal behaviourist, Palaeontologist. Links with real life – understanding our life cycles.
Materials	Suitable/unsuitable, useful, property, rigid, flexible, transparent, opaque, reflective, twist, bend, squash, stretch.	Making links, planning (an investigation), and reasoning (suitable materials).	Local area walks to explore new materials. Selly Manor trip – exploring historical uses of materials.	Jobs - Design Engineer. Links with real life – choosing materials to suit objective.

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.