



End of Year Expectations SCIENCE Year 2

SMSC

Spiritual Development

- Reflect on the wonder on the natural world.
- Sense of enjoyment and fascination in learning about themselves, others and the world around them.
- Willingness to reflect on their experiences.

Moral Development

- Pupils to become increasingly curious
- Development of open mindedness to the suggestions of others
- Scientific developments may give rise to moral dilemmas
- Considering the environment- recycling plastic.



Social Development

- Group and practical work
- Team working skills and to take responsibility
- Taking responsibility for their own and other people's safety
- Learning shares, assemblies

Cultural Development

- Celebration of current events- linked to scientist
- Visitors in school – recycling, science workshops
- Visits to jungle world, Rand farm,
- To understand important discoveries come from other parts of the world.

SEN

To overcome potential barriers to learning in Science some pupils may need:

- Inclusive learning environment- Scientific language on displays, knowledge organisers
- help in managing the written communication or reading a text
- a multisensory approach- practical work
- access to adapted resources to overcome difficulties with mobility or manipulative skills.

CAREERS

Gardener, Animal keeper- Jungle world,Naturalist, Engineer, Zoologist. Teacher, Wildlife Biologist, Vet, Animal Trainer, Botanist,Nurse , Doctor, Pharmacist

MATHS

Collect data- tally charts- bar charts
Use data to create a pictogram
Interpreting data
Measuring linked to Plants and Animals including humans.

LITERACY

- Speaking and listening, questioning, discussion, predicting, observing,
- Reading simple scientific texts- scientists
- Researching facts using resources.
- Read and write facts and observations
- Write simple investigations and conclusions- consider features of instructions
- Learning and using scientific language and key words linked to themes
- Using descriptive language about animals and plants
- Observe and describe, linked to material
- Linking science through stories –The Gruffalo can support children to learn more about habitats and to identify and name a variety of plants and animals in different habitats, including micro-habitats.

COLLABORATION

Community events- Laceby In Bloom
Trips/visits- Far Ings
Hook Days
Learning Shares/Class assemblies
Collaboration and Peer work- outdoor learning planting seasonal.
Science week- Investigations, scientists