



End of Year Expectations Science Year 1

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 scientists
- Visitors in school – recycling, science workshops
- Visits to jungle world, Rand farm,
- Experience of different cultures

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 in Science

Gardener, Animal keeper- Jungle world
Naturalist, Engineer, Zoologist. Teacher
Wildlife Biologist, Vet,

MATHS

Seasons- months

Gather weather data over a period of time.

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
- Learning and using scientific language and key words linked to themes
- Using descriptive language about animals
- Observe and describe, linked to seasons- poetry
- Linking science through stories – HANDA'S SURPRISE about the needs of living things linked to diet and the specific needs of humans.

COLLABORATION

Community events- Laceby In Bloom

Trips/visits- Jungle world

Hook Days

Learning Shares/Class assemblies

Collaboration and Peer work- outdoor learning
planting seasonal.

Science week- Investigations, scientists