

SCIENCE



Intent:

Our intent at Parkdale is that every child has a built-in love for science...to enjoy scientific enquiry to build on their awe and wonder about the world around them. Our high-quality science education ensures that pupils are encouraged to recognise the power of rational explanation.

The Curriculum in SCIENCE:

- National Curriculum
- Core values
- EYFS Curriculum
- Lesson based around a key question relating to their LO
- Use of White Rose Science to link with Maths
- Making links with maths e.g. data handling
- Making links to SCARF/PHSE – health, nutrition and growth



Focus Actions for 23/24

1. To begin to use White Rose Science.
2. To embed relevant Scientists linked to the topic (think diversity: living/black /female)
3. To enhance their science knowledge further through scientific big question.

What approaches to Teaching and Learning do we use?	What enrichment opportunities do we provide?
<ul style="list-style-type: none"> • Retrieval of previous learning – either previous year group or previous lesson using the TA for each unit • Knowledge Organisers for each topic as a learning prompt/revision tool • Deliver high-quality lessons linked to the key question • Science falls within the Sustainable Development School Topic to making the children aware and appreciative of the ever-changing environment and world which they live. 	<ul style="list-style-type: none"> • STEM/STEAM Week • Explorify • Values Champion Assembly • Scientist visitors • Google Earth • AR • Hologo • NFU enrichment planning • TO MAKE SCIENCE FUN!

Key Resources in school:

- iPads/Apps
- Science equipment – batteries, human models, magnifying glasses etc...
- Knowledge Organisers
- Displays

How do we evaluate the **impact** of Teaching and Learning?

- **Instant feedback**
- **Pupil voice**
- **Book looks**
- **Learning Walks**
- **Verbal feedback on iPads**

SEND

As part of the SEND provision, we would ensure that all children with SEND can access all areas of the science remit. This would aim to include a range of specialist equipment specific to the tasks available and the use of technology/digital tools to enhance their understanding and learning of the subject. This may include, pre-teach videos, opportunities to record their knowledge, understanding and subject specific language. Additional adult support will also be taken into consideration during a range of science activities.