



SCIENCE ON A PAGE

Subject Leader: Mrs Vitti

Book Expectations

- Journaling approach is preferred for the majority of recording. This should be in Science books.
- Date and LO is recorded on the unit cover, which is stuck in at the beginning of each unit.
- A range of activities should be used to record learning e.g. pictures, image captions, diagrams etc (adaptive strategies may be evidenced through this e.g. pictures of active learning)

Lesson Structure (incl. planning)

- Use high quality planning and resources to equip the children with sticky knowledge.
- Planning ensures progression across the school from EYFS to Year 6.
- Children in KS1 & KS2 are taught topics in mixed year groups; all children are given the opportunity to investigate & work scientifically.
- Use appropriate resources such as
- Recap and recall should be used at the start of each lesson which should also include revisiting key scientific terms and knowledge.
- Key vocabulary should be discussed and used.
- In EYFS, Science is covered within the area 'Understanding of the World'.

Assessment

- We use iTrack to record summative assessment data.
- Teacher led assessment quizzes throughout the topic based against the sticky knowledge/end points.
- Knowledge organisers are shared with the children.
- Subject leaders will carry out a book scrutiny and pupil voice to check understanding.

Adaptive Strategies

- Opportunities to demonstrate understanding in different ways – mind maps, voice recordings, videos etc + wider curriculum reinforcement
- Mixed ability partners & talking partners
- Clear objectives and vocabulary referred to throughout lessons (and displayed)
- Visual aids and tactile resources/ useful apps where appropriate
- 1:1/small group support provided by TA (in year groups with TA support)

Enrichment

- Trips to support learning outside the classroom (e.g. Jodrell Bank, MOSI etc.)
- Visitors into school e.g. Space Dome/World, Coastal Erosion Expert?
- Linked maths activities – cross curricular.
- Exploring and learning about famous scientists from around the world.

Display/Working Walls/Resources

- Appropriate vocabulary displayed with suitable accompanying images (where appropriate)
- Relevant resources on a table/working wall for display.
- Linked books within class libraries, fiction and non-fiction