MICKLEY

Science at Mickley Village Primary and Nursery

Science non-negotiables



Learning Objective:

Science learning objective will include:

- Date
- Year Group, Unit
- Vocabulary
- Independent/Supported/Peer Support/Group Work
- Indication as to whether the work has been completed independently, supported, peer Supported or part of a group

Example:



Books:

- Knowledge organiser to be stuck in books for every new unit
- Science learning objective stuck in books for every lesson (example opposite)
- All work to be marked in green pen
- Retrieval quiz to be completed at the start of every lesson (EYFS)
- Retrieval Practice to be completed at the start of every lesson with last lesson, previous term and previous year questioning (Year 1 onwards)



Working Wall:

All of our working walls will include:

- Enquiry skill
- Sticky Knowledge
- Vocabulary
- Unit
- Knowledge Organiser

Assessment:

- End of Unit Assessments to be completed at the end of each unit
- Ongoing teacher assessment of daily work, addressing any misconceptions and closing gaps before moving on
- EYFS profile/ELG's Understanding the World (EYFS only)

Science Learning Model (Lesson Structure)

Retrieval Practice	Intent	Implementation	Impact and Assessment opportunities
 Complete retrieval practice and go through any misconceptions Review previous learning and complete any feedback 	 Lesson outcome Working scientifically Enquiry skills and approaches Vocabulary (Rocket Words) Knowledge 	 Starter Recap with the children and assess their understanding Main teaching Introduce vocabulary, use of presentation, career film, expert film, mission assignment and challenge task 	Summative: Review learning with assessment and vocabulary quiz Formative: End of unit test