



## Principles of Science in our School 2024 - 25

- Children will love science.
- We aim to develop awe and wonder in our children. They say 'wow', they are engaged and they want to be scientists of the future.
- Science displays in school clearly show current topic in every classroom and children know where to look for facts, vocabulary, instructions, pictorial information and investigative language.
- Resources are readily available for staff on the school network which are appropriate , relevant, high quality and stimulating.
- Lessons are planned which model the use of appropriate vocabulary, deep subject knowledge and progression of skills for every child.
- Teachers challenge pupils appropriate to their ability, using open ended questioning, creative teaching and highly engaging independent tasks which promote resilience and higher order thinking.
- Assessment is rigorous and timely, used to inform planning, teaching and learning.
- Experiments and investigations are completed regularly in science lessons, which are child-led and practical.
- Teachers and children are keep up to date with scientific discoveries and knowledge to keep lessons relevant to the world around us.