

Science

Curriculum Intent for Science:

All believe that we can create positive outcomes from experiencing science through investigation and enquiry. Knowing this is an exciting tool that enables us with the opportunity to further our understanding around everyday experiences; values everyone's input and efforts in working collaboratively to achieve a final outcome.

All achieve a sense of pride when working together to conduct an effective and efficient experiment; giving the opportunity to critique and report our own findings to others.

All create meaningful experiments that fulfils the needs of the chosen outcome and allowing us to explore and enjoy science in a way that is purposeful to us.

All a family, sharing our successes, understanding and helping each other to achieve and improve personally; respecting other people's thoughts and accepting contributions even if they are different to our own.

Implementation of Science Curriculum:

- Science is taught following a 2 year rolling programme. Year A and B have repetition of subjects for KS1 but this allows the children to spend longer on each objective so they have build a solid understanding ready for when they enter KS2. For Lower KS2 children, they continue to build on previous learning in KS1 with the introduction of several new topics. This is then followed on and built upon in Upper KS2 where they consolidate and further their learning with the introduction of two new topics solely built for their level.
- Resources used are often pulled from STEM.org and TES.
- Science Week is something that we follow in the Spring term each year.
- Year skills are split over the course of the two year rolling programme– There is only ever 1 skill covered each half term to allow the children to really delve into perfecting that skill and having a deeper understanding on how to achieve it through their lessons.
- Science is taught predominantly in classrooms however it can also take place outside the four walls; the field/playground especially when an experiment is being conducted.
- Forest School is something the children have access to at least once a year (One class per term). This is covered one afternoon a week and links to a science outcome