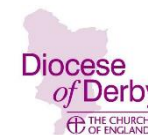


St Georges C of E Science Teaching and Learning Expectations



Our Science provision will include

Evidence of the following....

- 1) Full coverage of required curriculum.
- 2) Title / topic and knowledge organiser page to indicate new science topic
- 3) A WOW as a stimulus for a 'knowledge harvest'. Finding out what children already 'know' – likely to include misconceptions. Many children won't naturally have the vocabulary or knowledge to generate thoughts without a stimulus to explore and engage with first, using a range of senses.
- 4) Questions / wonderings generated by children. Subsequent teaching and learning that pursues answers to these questions.
- 5) Evidence of systematic teaching of scientific vocabulary and related, helpful tier 2 supporting language words such as 'minimal', 'variety' etc
- 6) Hands on experiences handling equipment and materials. No gluing and sticking. Regular opportunities to learn and consolidate key skills such as measuring or using thermometers for example.
- 7) Balance of the range of all 5 types of scientific enquiry.
Also – children's knowledge of these 5 types and their ability to describe them.
- 8) Social, Moral, Spritual and Cultural opportunities
Real links to real lives; globally, Nationally, locally. Debates, campaigns, changes in behaviour.
- 9) Cross curricular links, Maths and particularly Literacy. Explore opportunities for persuasive writing or writing on moral or social themes. Developing future citizens.
- 10) Assessment used to check attainment is in line with expected.