



St Jude's C of E Primary School's Subject Stories Science



Our Diverse Curriculum

As a school, we are passionate that our children receive a broad, balanced, inclusive and diverse curriculum. We have developed anti-racist commitments, and endeavor to fulfill these in every curriculum area, including science. Within this subject, we will ensure:

- Diverse texts about STEM (Science, Technology, Engineering and Mathematics) are present in our class and virtual libraries, especially those which celebrate key figures of different ethnic backgrounds
- Areas of study explore the role of scientists within the key learning where appropriate. These lessons will include a diverse range of people, including different ethnicities, genders and cultural backgrounds. These figures are explored during Science Week and provide meaningful links within learning.
- Other opportunities are utilised to explore, promote and celebrate diverse figures, such as Family Learning Projects, Home Learning activities, newsletter items, Twitter posts, World Book Day, Science Week, and local community events.

Outstanding examples of learning



KS1 Outdoor Learning Project



Year 5 working with secondary school students



World Book Day Science Theme!

Remote Learning

Whilst children are learning remotely, the following approaches are taken to ensure science teaching and learning is consistent and of a high quality:

- Science lessons are planned weekly and uploaded to the Google Classroom
- Resources are planned and designed carefully to support the learning objective each week
- Lessons include a 'Do it Now' task at the beginning of each lesson to review prior learning
- Children upload their work at least once a half term to receive feedback.
- Key vocabulary and sentence stems are used to ensure high quality explanations of different ideas
- Videos are included to support with scientific concepts and reviewed once a half term in google meets sessions

Successes in 2019- 2020

- ☺ British Science Week – Each year group was able to take part in an educational visit linked to their science learning. We were able to hold an exhibition inviting parents and carers into the school to showcase our hard work throughout science week. We received an information assembly at the start of the week from Climate Education.
- ☺ Outdoor Learning Project – Key stage 1 children were able to take part in outdoor learning projects in our local community. The children worked with other schools in our Windmill Cluster to take part in a range of activities including learning about different minibeasts and helping to create habitats in our local area.
- ☺ Curriculum Steering Group – Our curriculum steering group focused upon the role of science this year, they were able to visit the Science Museum and feedback on key links to their learning and discuss opportunities to explore science within our school.
- ☺ Science extra-curricular activities – Science activities were available for all year groups and helped to create awe and wonder in science learning. Throughout the year, we had clubs across key stage 1 and 2 including gardening, natural thinkers and mad science.



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Priorities for 2020 - 2021

- ✓ Regular monitoring and review of children's learning and identifying gaps in understanding – termly Pupil Progress meetings with teachers
- ✓ Outdoor learning opportunities – The school is working closely with members of the local community to involve the children in preparing the Nature Garden for greater use of outdoor learning.
- ✓ Use of key scientists to help provide links with learning – different scientific topics have been mapped to involve the use of diverse range of scientists to help inspire children in their scientific learning.