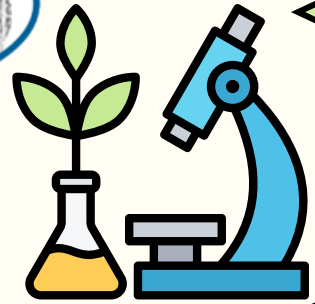


SEND in Science



Teachers set high expectations for every pupil



H&A

QUALITY FIRST TEACHING IN SCIENCE

- language is clear, unambiguous and accessible
- key words, meanings and symbols are highlighted, explained and written up
- instructions are given clearly and reinforced visually
- wording of questions is planned carefully
- questions are prepared in different styles and levels
- alternative communication modes are used where necessary
- where appropriate children are allowed time to discuss answers in pairs
- time to think, time to explain and respect responses to questions
- additional adults used effectively and appropriately to support pupils

SEND STRATEGIES

TEACHERS' COMMUNICATION

- recognise that the language of science may be challenging and cause barriers for some pupils, for example, the specific scientific use of everyday words such as 'weight', or terms specific to science such as 'electrical circuit'
- plan to teach new science vocabulary explicitly
- children to become familiar with science equipment and the names of them and physically handling them prior to lessons

SEND STRATEGIES

PUPILS' COMMUNICATION

- at the end of investigations allow pupils time to discuss the answers to questions in pairs before asking for verbal responses - talking partners
- use sentence stems and writing frames to remove writing as a barrier to the understanding of scientific concepts
- use social stories for field trips, showing the children videos and pictures of what they are going to see and why

SEND STRATEGIES

GENERAL

- working walls - accessible, clear, adding new knowledge and vocabulary
- story maps - bring ideas and tricky concepts to life by drawing them out together
- using photographs and audio can help children with learning about events - makes things less abstract and more real
- writing slopes can help children with handwriting difficulties
- break down tasks into smaller chunks or disclose one task at a time can ease cognitive load

our curriculum is accessible to all children



our aim is to enable all children to enjoy success in all areas of the curriculum