



SEND – Ambition and Access in Science

Ambition –What are we aiming for children with SEND to achieve in this subject?

We need to be ambitious about what our children with SEND in Science. All pupils have access to a high-quality Science education and teachers have the same level of ambition for all pupils. Although consideration of barriers to learning are considered, we should not let these limit learner's opportunities.

Access –What amendments are made to the subject in order to help children with SEND to achieve?

- A carefully planned curriculum with learning sequenced so that children revisit and revise key concepts. Key vocabulary and key facts are revisited at the start of lessons in order to give children with SEND more time and opportunities to understand the concepts and vital knowledge they need to access the learning.
- Unit Overviews sheets (Sticky Knowledge sheets) are placed in the books at the start of each unit or learning. They are used to help children with SEND to reflect on learning from previous years, breaks down the learning into easily defined objectives, have spelling of key vocabulary with definitions to help with spelling and writing activities and have a solo taxonomy chart so that they can assess their own progress.
- Chunking learning into small steps can support children with SEND to comprehend new ideas. Therefore, there is a carefully planned progression within and between lessons. Regular checks throughout the lesson help to ensure that pupils understand the key content in the lesson.
- Promoting a positive and supportive environment for all pupils in Science is essential for supporting pupils with SEND. We work hard to ensure positive relationships and active engagement in lessons.
- Flexible groupings ensure that pupils with SEND are fully integrated and benefit from peer-to-peer support.
- Resources with strong visual elements are used to aid memory and understanding.
- A range of recording strategies are used in order that children are not impaired by their writing ability when demonstrating their scientific knowledge.