Science vision at Sandridge School

At Sandridge, our science intent is for all children to be scientists learning a science curriculum that engages, inspires, challenges and is meaningful to all our children. We want children to ask questions, use cross-curricular skills and discover more, whilst developing knowledge and understanding of key scientific concepts from within the biology, chemistry and physics disciplines.

Visions and principles

Sandridge School

To help us learn better...

Our teachers...

value every child as a scientist and use diverse contemporary role models to develop their Science capital.

ensure children are safe.

use high quality resources, ideas and enrichment opportunities to deepen learning and understanding.

make purposeful links to other subjects, other science topics and our own experiences.

make lessons purposeful, vocabulary rich, engaging, adaptive and challenging.

encourage thinking, question asking, exploration and sharing.

find out what children already know and assess for better teaching and learning.

plan lessons that follow a clear and sequenced progression of skills and knowledge.



We...

see ourselves as scientists.

are all involved.

feel empowered to make mistakes and change ideas.

know why we are learning this now and how it builds on our science journey to our next learning.

will wonder, think, ask questions and share our ideas, skills and knowledge (old and new).

use our skills across different areas of the curriculum especially maths and English.

stay safe and use equipment like scientists.