

# Fundamental British Values through the Endeavour Curriculum



## Science

### Rule of Law

- Science lessons emphasise following fair testing procedures and agreed rules, helping pupils understand that a fair outcome depends on consistent, shared expectations.
- Health and safety routines (using equipment correctly, handling materials safely) reinforce that rules exist to protect ourselves and others.
- Pupils learn that scientists must follow ethical guidelines when working with animals, humans or the environment, highlighting the importance of laws in real-world science.
- Recording results honestly and respecting evidence reinforces the principle that truth and accuracy are essential, just as they are in legal systems.

### Individual Liberty

- Pupils have the freedom to make choices about how to present findings, select equipment or suggest their own enquiry questions, fostering independence.
- Science encourages children to explore ideas, test hypotheses and learn from mistakes, building confidence in taking responsible risks.
- Pupils develop their own scientific curiosity, helping them understand that they have the freedom to think, question and investigate the world around them.
- Learning about healthy lifestyles empowers pupils to make informed personal choices regarding diet, exercise and wellbeing.

### Democracy

- Scientific enquiries give pupils opportunities to share ideas, listen to others and make group decisions about methods, predictions and how to record results.
- Class discussions about scientific questions (such as environmental issues or animal welfare) teach pupils to express opinions respectfully and consider other viewpoints.
- Working in investigative teams encourages children to negotiate roles and agree fair approaches, modelling democratic cooperation.
- Evaluating evidence and respecting differing interpretations helps pupils understand that debate and discussion are important parts of both science and democracy.

### Respect & Tolerance

- Studying scientists and scientific discoveries from a wide range of cultures helps pupils appreciate the contributions of diverse people to scientific understanding.
- Science discussions encourage pupils to respect different ideas and explanations, even when they disagree, building tolerance and empathy.
- Group investigations require pupils to work collaboratively, valuing the contributions and perspectives of all group members.
- Learning about global environmental issues encourages pupils to respect how scientific decisions affect different communities around the world.