

Mutual Respect

Core Concept:

- Treat others as you want to be treated
- Respect for each other
- Working together

Mutual Respect in Mathematics:

- To behave appropriately, allowing all participants the opportunity to work effectively
- Take turns and share equipment
- Review each other's work respectfully
- Work collaboratively on problems, help and advise others

Democracy

Core Concept:

- Making decisions together
- The right to an opinion/voice

Democracy in Mathematics:

- When looking at statistics, we seek to understand what data and diagrams seek to communicate, consider ideas around proportion and ideas like the Simpson Paradox
- We develop our understand of inferences made from data and statistics, and encounter ideas around extrapolation and the limitations of data

British Values in Mathematics

Tolerance of Different Faiths and Beliefs

Core Concept:

- Learning about different faiths and cultures
- Listen to other viewpoints
- Learning about diversity

Tolerance of Different Faiths and Beliefs in Mathematics:

- We highlight the evolution of Mathematics and its reliance on other cultures to develop, illustrating that Mathematics is a global language
- Use Mathematics to learn about different faiths and cultures around the world. For example, looking at patterns and shapes within Islam and Hindu religions

The Rule of Law

Core Concept:

- Understanding rules and why they are important
- Following rules to develop order

The Rule of Law in Mathematics:

- Undertake safe practices, following class rules during tasks and activities for the benefit of all.
- Understand the consequences if rules are not followed
- We encounter data, graphs and diagrams, and statistics that relate to crime and describe trends
- We use samples and populations and work to understand the differences between them

Individual Liberty

Core Concept:

- Freedom of speech for all
- The right to make our own choices

Individual Liberty in Mathematics:

- Work within boundaries to make safe choices during practical activities
- Make own choices within data handling activities

