

## British Values in Maths

All students are encouraged to achieve their maximum potential through maths lessons and learn the importance of maths in all aspects of life. All students irrespective of prior attainment are encouraged to believe they are able to achieve. Lessons are planned with prior attainment in mind to boost self-confidence and build self-esteem.

Group work encourages students to work as part of a team and enables them to understand the necessity to listen to others viewpoints respectfully, thus promoting mutual respect and support for one another. Students learn how to apply mathematics to a range of real life situations. Whilst investigating and applying their maths they are encouraged to develop resilience, perseverance and the need to respect other people's ideas. In this way they learn that there is often more than one way to find a solution to a problem, hence educating them that working as a team can be more effective than working alone.

Students learn that mathematics has been developed over many centuries, in many countries, with many cultures. When studying maths from other cultures they are encouraged to research the origin: e.g. Rangoli patterns from India,  $y=mx + c$  from France, Pythagoras from Greece, the Egyptian pyramids and so on. Teachers provide a safe and secure learning environment. They demonstrate respect in the way that they interact with students and other staff and have clear classroom rules and sanctions when required. Pupils learn that everyone is entitled to the same fair chance at a good education and a rule for one is a rule for all.