

Mathematics Learning Journey

The purpose of the Mathematics curriculum:

- To expose students to mathematics which helps in developing an analytic mindset and assists in better organisation of ideas and accurate expression of thoughts.
- To create a bespoke curriculum based on individual learning need by being innovative with scheduling and addressing individual requirements – Identifying individual gaps in learning, tailoring resources to meet specific needs etc.
- To create a personalised, holistic, broad, balanced and relevant learning experiences which equip and engage students with range of knowledge, skills and understanding. Using a thematic approach to ensure maximum engagement.
- To make valid and accurate assessments within all Maths classes. Using a Mathematical rich environment and supported by clear visual strategies.
- Exploiting the potential of learning experiences – Utilise virtual learning platforms, Modern Technology online platforms, Online teaching resources / Remote learning resource.

Conviction – In Mathematics we aim to enable students to understand and concept to solve problems by applying mathematics to a variety of problems by differentiation - breaking down problems while persevering in seeking all solutions. **Ambition** – Encouraging students to have a positive attitude towards Mathematics who continue to have trouble in key areas to become fluent in the fundamentals of Mathematics, including through varied and frequent practice. **Reflection** – Students should be using **Mathematical language** and properties precisely while **reasoning Mathematically** by following a line of enquiry. **Determination** – Students should **develop Mathematical knowledge**, through **solving problems** and **evaluating** the

