Maths is EVERYWHERE across the curriculum

A snapshot of how maths is purposeful and progressive across Queen's Park's Crown Curriculum

Science

- Statistics – reading and analysing data in graphs
- Sorting, grouping and classifying (i.e. using Venn Diagrams)
- Using timers to measure heartrate
- Using thermometers to measure temperature
- See science progression document for progression in statistics in science

RE

- Time – chronology BC/AD

History

- Chronology – Calculating length of time i.e how long did Queen Victoria reign, how long did Queen Elizabeth reign and comparing. Using dienes and ones to calculate passing of time.

- See 'Chronology at QP' document for full details of progression in maths/chronology for each year group, specifically timelines
- Studying other civilisations numerical systems and calendars i.e. Maya calendar

Geography

- Studying time zones
- Reading graphs
- Collecting and analysing data (i.e. traffic surveys, weather/climate)
- Studying temperature
- Progression in OS map reading such as co-ordinates, 4 figure grid references and 6 figure grid references
- Progression in compass points and direction

Computing

- See 'QP progression in data' document for full details of progression in maths in computing
- Complex codebreaking using knowledge of maths: coding/programming/binary code
- De-composing and composing algorithms. Following sets of instructions – using mathematical language such as '90 degree turns' etc.
- Problem solving

Music

- Counting one 'beat' and understanding it is a crotchet. Being able to count how many crotchets.
- Chronology in music – Baroque period up to modern day. Chronology is taught appropriate to year group maths expectations i.e. Year 1 learn about The Beatles as they can count in 10s to the 1960s.

Art

- Chronology in art – reading timelines
- Sketching 2D and 3D shapes
- Jasper John – number formation in Year 1
- Recognising, following and using patterns

Design & Technology

- Accurate measuring using a ruler
- Using right angles to form structures
- Measuring ingredients in Food Technology