Year 9

## Links to careers/SMSC/Personal Development:

Pythagoras was a Greek philosopher who made important developments in
Mathematics, astronomy, and the theory of Music. The theorem now known as
Pythagoras's theorem was known to the Babylonians 1000 years earlier but he may
have been the first to prove it.
Celebrate Pi day and show appreciation to Maths and Science
UKMCT challenge for year 9 to develop problem solving skills
World numeracy day to promote the love and appreciation of numeracy skills to use in daily life
Maths related careers when specific topic is taught


## In Year 9 we will explore the following

identify if shapes are similar or congruent, and to think about what can change and what has to stay the same for these properties to hold
while learning about an important theorem in mathematics, such as Pythagoras' theorem, we will go beyond and use it in real life scenarios
introduction to probability and words that are associated with probability such impossible, likelihood and certain
on how probability is used in many aspects of their daily lives, from sporting events to weather reports. However, students may feel that their lived experiences do not reflect calculated mathematical likelihoods
consolidate, secure and deepen their understanding of sequences and patterns and will progress to describing any term directly in relation to its position in the sequence

