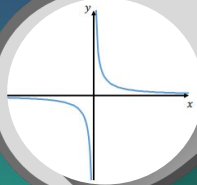


# Maths KS4 Learning Journey 22/23



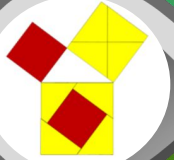
**Communication**  
Transforming and constructing; listing and describing; "show that..."



**Reasoning**  
Multiplicative, geometric and algebraic reasoning



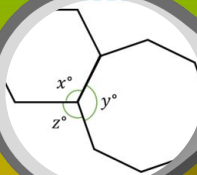
**Algebra**  
Expanding and factorising; changing the subject; functions



**Graphs**  
Gradients and lines; non-linear graphs; using graphs

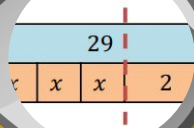


**Using Number**  
Non-calculator methods; types of number and sequences; indices and roots; manipulating expressions

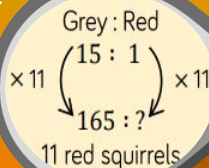


**Y11**

**Delving into Data**  
Collecting, representing and interpreting data



**Proportions and Proportional Change**  
Ratios and fractions; percentages and interest; probability



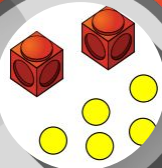
**Geometry**  
Angles and bearing; working with circles; vectors



**Developing Algebra**  
Representing solutions of equations and inequalities; simultaneous equations



**Similarity**  
Congruence, similarity and enlargement; trigonometry



**Y10**