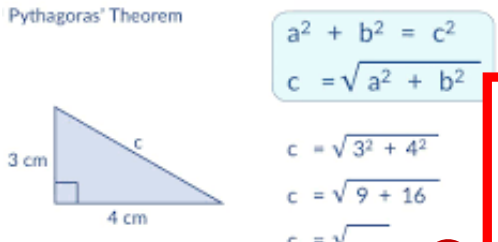
Maths 2023-24

THE ROAD AHEAD TO YOUR FUTURE …….

Summer 2

- Quadratic equations: expanding and factorising
- Quadratic equations, rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations
- Circles, cylinders, cones and spheres
- Fractions and reciprocals
- Indices and standard form
- Similarity and congruence in 2D
- Vectors

GCSE Exams

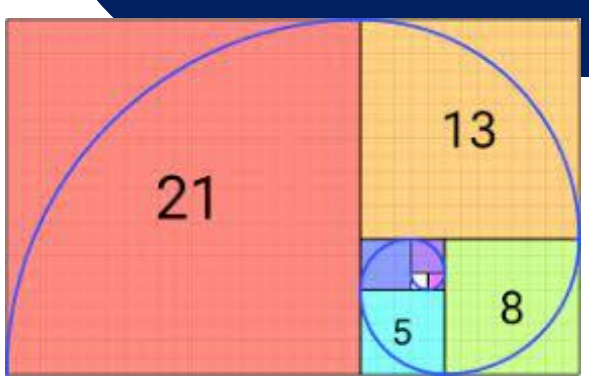


Summer 1

- Ratio
- Proportion
- Right-angled triangles: Pythagoras and trigonometry
- Probability
- Multiplicative reasoning
- Plans and elevations
- Constructions, loci and bearings

Spring 2

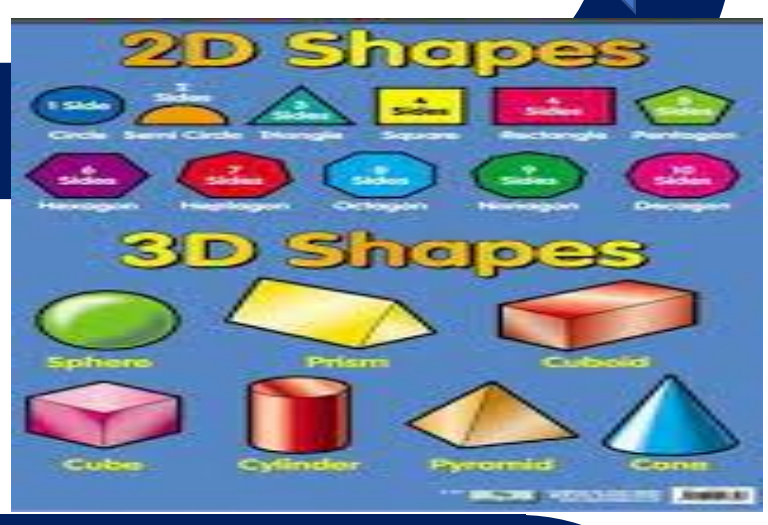
- Statistics, sampling and the averages
- Perimeter, area and volume
- Real-life graphs
- Straight-line graphs
- Transformations



Functional Skills Level 2 Assessments

Spring 1

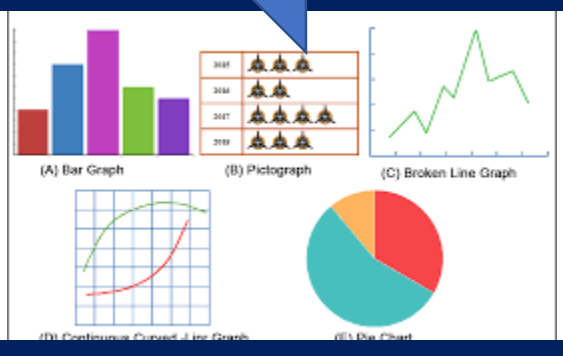
- Fractions, decimals and percentages
- Percentages
- Equations and inequalities
- Sequences
- Properties of shapes, parallel lines and angle facts
- Interior and exterior angles of polygons



Functional Skills Level 1 Assessments

Autumn 2

- Algebra: the basics
- Expressions and substitution into formulae
- Tables, charts and graphs
- Pie charts
- Scatter graphs



Functional Skills Entry Level Assessments

Autumn 1

- Integers and place value
- Decimals
- Indices, powers and roots
- Factors, multiples and primes

Students progress through graded steps and KPIs in each topic area. Starting points and target grades are determined by baseline tests on entry.