

Geometry 3 – Half Term One

You can solve problems using **Pythagoras**
You can solve problems using **Trigonometry**
Find the **area** of simple and compound shapes
Find the **perimeter** of simple and compound shapes
Find the **volume** of prisms
Find the **surface area** of prisms

Gorse Test 1-Geometry

Mastery week – Opportunity to recover topics as required.

Probability and Statistics 3 – Half Term two

Represent data in diagrams
Interpret and **compare** data from diagrams
Create and **draw** Venn diagrams
Create and **draw** Tree diagrams

Gorse Test 2 – Geometry and Probability and Statistics

Mastery week – Opportunity to recover topics as required.

Algebra 3 – Half Term three

Expand brackets
Factorise into brackets
Solve linear and **quadratic** equations
Rearrange and **manipulate linear** formula

Gorse Test 3 – Number and Algebra

Mastery week – Opportunity to recover topics as required.

Ratio and proportion 2 – Half Term four

Plot **real life graphs** of **conversion**
Calculate with **compound measures** such as **speed, distance time** and **mass, density and volume**
Form equations showing **direct and indirect proportion**

Gorse Test 4- Ratio and proportion

Mastery week – Opportunity to recover topics as required.

Geometry 4 – Half Term Five

Solve problems using **angles** on **parallel lines**
Solve problems using **angles** in **polygons**
Name all **parts of a circle**
Solve problems applying **circle theorems**

Mastery week – Opportunity to recover topics as required.

Number 5 – Half Term six

Understand **bounds** and how they affect calculations
Use **surds** in calculations, this should include **simplifying, cancelling and expanding**.

Gorse Final Assessment

Mastery week – Opportunity to recover topics as required.