

Year 10 Maths

Autumn term

Unit Title: Weeks 1-3: Congruence, similarity & enlargement

Videos

[Congruent](#) shapes

[Congruent triangles](#)

[Similar](#) shapes

[Enlargements](#)

Worksheets

[Congruent Shapes Textbook \(corbettmaths.com\)](#)

[Congruent Triangles pdf \(corbettmaths.com\)](#)

[Similar Shapes: Finding Sides Textbook Exercise – Corbettmaths](#)

[Enlargements pdf \(corbettmaths.com\)](#)

Unit Title: Weeks 4-6 Trigonometry

Videos

[Trigonometry](#)

[Exact](#) Trigonometry

Worksheets

[Trigonometry Textbook Exercise – Corbettmaths](#)

[Trigonometry Textbook Exercise – Corbettmaths](#)

[Trigonometry Textbook Exercise – Corbettmaths](#)

Unit Title: Weeks 7-9 Equations & inequalities

Videos

[MathsWatch](#) Solving equations

[MathsWatch](#) Forming equations

[MathsWatch](#) Number line inequalities

[MathsWatch](#) Solving inequalities

Worksheets

[Equations \(corbettmaths.com\)](#)

[Equations letters both sides pdf \(corbettmaths.com\)](#)

[Forming Solving Equations 115 \(corbettmaths.com\)](#)

Unit Title: Weeks 10-12 Simultaneous equations

Videos

[MathsWatch](#) Simultaneous equations

Worksheets

[Simultaneous Equations \(corbettmaths.com\)](#)

Spring term

Unit Title: Weeks 1-2 Angles

Videos

[MathsWatch](#) Angles in triangles

[MathsWatch](#) Angles in parallel lines

[MathsWatch](#) Angles in polygons

Worksheets

[Angles in a Triangle \(corbettmaths.com\)](#)

[Angles in Parallel Lines \(corbettmaths.com\)](#)

[Angles in polygons \(corbettmaths.com\)](#)

Unit Title: Weeks 3-4 Circles

Videos

[MathsWatch](#) Circle definitions

[MathsWatch](#) Circumference of circles

[MathsWatch](#) Areas of circles

Worksheets

[Parts of the Circle \(corbettmaths.com\)](#)

[Circumference \(corbettmaths.com\)](#)

[Area of a Circle \(corbettmaths.com\)](#)

Unit Title: Weeks 5-6 Vectors

Videos

[MathsWatch](#) Vector intro

[MathsWatch](#) Vectors

Worksheets

[Column Vectors Textbook Exercise – Corbettmaths](#)

[Vectors \(corbettmaths.com\)](#)

Unit Title: Weeks 7-8 Ratio & fractions

Videos

[MathsWatch](#) Ratio

[MathsWatch](#) Harder ratio

[MathsWatch](#) Fractions intro

[MathsWatch](#) Equivalent fractions

[MathsWatch](#) Adding & subtracting fractions

[MathsWatch](#) Multiplying fractions

[MathsWatch](#) Dividing fractions

Worksheets

[Equivalent Fractions pdf \(corbettmaths.com\)](#)

[Dividing Fractions pdf \(corbettmaths.com\)](#)

[Multiplying Fractions pdf \(corbettmaths.com\)](#)

[Fractions Addition 1 pdf \(corbettmaths.com\)](#)

Unit Title: Weeks 9-10 Percentages

Videos

[MathsWatch](#) % of amount (calc)

[MathsWatch](#) % of amount (non-calc)

[MathsWatch](#) Inc/Dec %

Worksheets

[Percentages of amounts 234 pdf \(corbettmaths.com\)](#)

[Percentages calc \(corbettmaths.com\)](#)

[Increasing/Decreasing by a Percentage Textbook Exercise – Corbettmaths](#)

Unit Title: Weeks 11-12 Probability

Videos

[MathsWatch](#) Probability scale

[MathsWatch](#) Calculating probabilities

Worksheets

[Probability Scale \(corbettmaths.com\)](#)

[Probability Textbook Exercise – Corbettmaths](#)

[Sample Spaces \(corbettmaths.com\)](#)

Summer term

Unit Title: Weeks 1-4 Data representation

Videos

[MathsWatch](#) Pie charts

[MathsWatch](#) Stem & Leaf

[MathsWatch](#) Scatter graphs

[MathsWatch](#) Averages and range

[MathsWatch](#) Frequency polygons

[MathsWatch](#) Venn diagrams

Worksheets

[Scatter Graphs \(corbettmaths.com\)](#)

[Drawing Pie Charts \(corbettmaths.com\)](#)

[Pie Charts \(corbettmaths.com\)](#)

[Stem and Leaf Diagrams Textbook Exercise – Corbettmaths](#)

[Pictograms pdf \(corbettmaths.com\)](#)

Unit Title: Weeks 5-6 Non-Calc arithmetic

Videos

[MathsWatch](#) Multiplying decimals

[MathsWatch](#) Dividing decimals

[MathsWatch](#) +/- fractions

Worksheets

[Dividing by Decimals \(corbettmaths.com\)](#)

[Multiplying Decimals Textbook \(corbettmaths.com\)](#)

Unit Title: Weeks 7-8 Sequences

Videos

[MathsWatch](#) Generating a sequence

[MathsWatch](#) Nth term

Worksheets

[Sequences Patterns pdf \(corbettmaths.com\)](#)

[Sequences: nth term Textbook Exercise – Corbettmaths](#)

Unit Title: Weeks 9-10 Indices

Videos

[MathsWatch](#) Intro to indices

[MathsWatch](#) Working with indices

Worksheets

[Indices Exercise 172 pdf \(corbettmaths.com\)](#)

[Laws of Indices 174 pdf \(corbettmaths.com\)](#)

Unit Title: Weeks 11-12 Manipulating expressions

Videos

[MathsWatch](#) Simplifying expressions (+/-)

[MathsWatch](#) Simplifying (X)

[MathsWatch](#) Simplifying (division)

[MathsWatch](#) Expanding brackets

Worksheets

[Multiplying Terms \(corbettmaths.com\)](#)

[Substitution \(corbettmaths.com\)](#)

[Expanding Brackets \(corbettmaths.com\)](#)

[Collecting Like Terms \(corbettmaths.com\)](#)