

Year 8: Topics to revise for Assessment Week.

English

- Key vocabulary that is in exercise books alongside powerful knowledge from term 1 and 2.
- Focus on the conventions of the gothic genre and narrative structures, epistolary and bildungsroman.
- Characterisation and how protagonist/antagonist are presented.
- The Art of Rhetoric to persuade, focus on ethos, logos, and pathos.

Science

- Wave properties, digestion – focus on food testing, nutrient groups and parts of the digestive system.
- Chemical Reactions – focus on conservation of mass, balancing chemical equations, combustion and oxidation, Sound, Respiration, Photosynthesis, Light.
- **From Y7:** Energy stores and transfers, diffusion, density, interaction pairs of forces, Breathing.

History -

- Key vocabulary on each knowledge organiser (Industrial Britain, British Empire, MAIN causes of WW1 and key events of WW1)
- source provenance (Nature, Origin, Purpose, inference)
- What caused the Industrial Revolution?
- What were conditions like in Industrial towns?
- What were the consequences of the Industrial Revolution?
- What were the positive and negative consequences of British rule in India?
- What were the MAIN causes of WW1?
- Why did men sign up for war in 1914?

Geography

- Locations of continents
- major countries and seas
- map skills (4 and 6 figure grid references, map symbols, contour lines, scale, compass directions, describing patterns and location)
- Africa (Volcanic processes, migration, Savannah)
- Asia (Rainforests, population and economies)

Religious Studies

- Worldview
- reasons to believe in God, reasons not to believe in God,
- Who was Moses?,
- What is the significance of the crucifixion and resurrection?
- Who was Prophet Muhammed and why is he considered important?
- Who was Shiva? What is the Guru Granth Sahib? What is the divine command theory?
- What is meant by agape?
- How do Christians interpret the creation story?
- What is meant by stewardship and dominion? What is Pentecost? Why did Sunni/Shi'a communities emerge?

German

- School subjects + gern & nicht gern
- Favourite subject/ School timetable
- Telling the time
- Teachers
- Uniform with correct adjective endings

- School rules with modal verbs müssen & dürfen
- What you will do after school & future tense
- Breakfast & past tense
- Healthy lifestyles with man muss & wir müssen
- Healthy lifestyles & future tense
- Role models
- Body, injuries, illnesses

Maths

Year 8 topics (additional Year 7 topics on the next page):

Topic	Sparx Independent Learning Code
Distributive law with numbers	M637
Distributive law with variables	M237
Distributive law and simplifying	M792
Factorising	M100
Properties of quadrilaterals	M276
Properties of triangles	
Perimeter	M920 / M635 / M690
Area of rectangles	M390
Area of rectilinear shapes	M269
Area of parallelograms	M291
Area of triangles	M610 / M996
Area of trapeziums	M705
Area of other shapes	M303
Plotting and reading coordinates	M618
Midpoint of a line segment	M622 / M311
Shapes on coordinate grids	M230
Horizontal and vertical lines	M797
Graphs of $y = x$ and $y = -x$	
Representing fractions (including number lines)	M158 / M939
Improper fractions and mixed numbers	M601
Converting fractions to decimals	M958
Converting decimals to fractions	
Equivalent fractions	M410
Simplifying fractions	M671
Compare & Order Fractions	M335
Add & subtract fractions	M835
Add & subtract mixed numbers	M931
Multiplying with fractions	M157
Multiplying with mixed numbers	M197
Reciprocals	M216
Dividing with fractions	M110
Dividing with mixed numbers	M265
Fraction problems	M645 / M619

Year 7 topics:

Topic	Sparx Independent Learning Code
Integer Place Value	M704
Decimal Place Value	M522
Representing place value using powers of 10	
Order and Compare Integers & Decimals	
Number lines	M763
Multiply and divide by powers of 10	M113
Rounding to nearest powers of 10	M111
Metric Units of Length	M443 / M772
Metric Units of Mass	M924 / M530
Metric Units of Capacity	M454 / M761
Multiples and LCM	M227
Factors & Divisibility rules	M823
Highest common factors	M698
Square and cube numbers	M135
Square roots and cube roots	
Higher powers of numbers (index notation)	
Prime numbers	M332
Prime factorisation	M108
HCF and LCM using Venn Diagrams	M365
Problems involving properties of numbers	
Adding integers & decimals	M928 / M429
Subtracting integers & decimals	M347 / 152
Inverse operations and fact families	M175
Commutative Law	M952
Associative Law	M409
Multiplication with place value	M911
Area model for multiplication	M187 (the videos do not show area model)