

Year 8 revision topics

History

Industrial revolution
Slavery
Jack the Ripper
Long term causes of the First World War

IT

Representing Data
Computer Systems
Game Making using Scratch
2D Animation
Networks
Python Programming

Geography

Rock cycle definitions
Igneous intrusions
Types of rock and their formation
Iceland and its tectonic features and processes
Why people choose to live in dangerous areas

PSHRE

Mental health, anxiety and depression
Positive online relationships
Careers
Relationships
Accepting responsibility.
Physical activity and mental health
Volunteering and social action
Internet safety
Gambling

<u>DT</u>
Wood, metal and plastic theory - tools and materials CAD tools Isometric drawing Product analysis Mechanisms and simple machines Health and Safety in the workshop

<u>Horticulture</u>
Health and safety Growing tomatoes Composting process Making Leaf mould and mulches

<u>Agriculture</u>
Sheep Production & Husbandry Dairy Production and Husbandry Beef Production Pig Production and Husbandry Poultry Production and Husbandry Estate Skills/ Animal Handling and training

<u>Science</u>
Paper 1 - 8A Food and Nutrients, 8B Plants and their reproduction, 8C Breathing and Respiration, 8D Unicellular organisms. Paper 2 - 8E Combustion, 8F The Periodic Table, 8G Metals and their uses, 8H Rocks.

<u>English</u>
PEAL paragraphs Inference Imaginative Writing SMILE - poetry writing frame

<u>Maths</u>			
1	Emerging	Number	Place Value
2	Emerging	Number	Ordering decimals
3	Emerging	Number	Negative in real life
4	Emerging	Number	Equivalent fractions
5	Emerging	Number	Factors multiples and primes
6	Emerging	Algebra	Term to term sequences
7	Emerging	Geometry	Naming angles
8	Emerging	Geometry	Angles on a straight line
9	Emerging	Geometry	Angles at a point
10	Emerging	Statistics	Tally charts /bar chart
11	Emerging	Statistics	Pictograms
12	Emerging	Statistics	Averages and range
13	Developing	Number	Comparing and ordering fractions
14	Developing	Number	Reciprocals
15	Developing	Number	Product of primes - HCF LCM
16	Developing	Number	Standard form
17	Developing	Number	Fractions, decimals and percentages
18	Developing	Algebra	substitution
19	Developing	Algebra	Finding the nth term
20	Developing	Algebra	Rearranging formula
21	Developing	Geometry	Angles in a triangle
22	Developing	Geometry	Angles in isosceles triangle
23	Developing	Geometry	Angles in parallel lines
24	Developing	Geometry	Angles in polygons
25	Developing	Statistics	Pie charts
26	Developing	Statistics	Stem & leaf
27	Developing	Statistics	Averages from a table
28	Developing	Statistics	Averages from a grouped table
29	Securing	Number	Recurring decimals to fractions
30	Securing	Algebra	Geometric progressions
31	Securing	Statistics	Stratified sampling
32	Securing	Statistics	Cumulative frequency
33	Mastering	Number	Harder recurring decimals as fractions
34	Mastering	Algebra	rearrange difficult formula