

Year 7 revision topics

History

Peasants revolt
Ancient civilisations
Reformation
Elizabethan England

IT

Being a respectful digital citizen
Algorithms
Vector Graphics
Turtle Programming
Microbits

Science

Paper 1 - CB9 Ecosystems and material cycles, CB1 Key concepts of Biology, CC1 States of Matter, CC2 Methods of separating and purifying substances.

Paper 2 - CC3 The Atom, CC4 The Periodic Table, CP1 Motion, CP2 Forces and Motion.

Geography

Continents, oceans and lines of latitude and longitude
Concept of sustainability
Green (environmental issues facing the world.
The UK Energy Mix
Advantages & Disadvantages of nuclear power
Making towns and cities sustainable in the future.

<u>DT</u>
Wood, metal and plastic theory - tools and materials CAD tools Isometric drawing

<u>PSHRE</u>
Religious Education - Christianity / Islam / Buddhism Careers Relationships - friends / family Personal hygiene and oral health Exercise and diet Social media and online safety Feelings and behaviour

<u>Horticulture</u>
Health and safety Plot maintenance Growing crops

<u>Agriculture</u>
Health and Safety Animal Welfare Spring Animals Crops and Poultry Animal Handling Estate Skills

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

<u>Forest School</u>
Forest School rules The type of wood used to make a bug hotel and why Essential elements in the 'fire triangle' Types of tinder - natural and man-made Points on a compass Charcoal and how it is produced How to protect yourself when using a handsaw Cooking over a fire in forest school and examples of ingredients used

<u>Maths</u>				
1	Emerging	Number	Adding large numbers	
2	Emerging	Number	Subtracting large numbers	
3	Emerging	Algebra	Collecting like terms by adding & subtracting	
4	Emerging	Algebra	Collecting like terms by multiplying	
5	Emerging	Algebra	Substitution	
6	Emerging	Algebra	Expanding single bracket	
7	Emerging	Algebra	Solving one step equations	
8	Emerging	Number	Rounding numbers	
9	Emerging	Probability	Probability scales	
10	Emerging	Probability	Calculating probabilities	
11	Emerging	Probability	Describing probabilities	
12	Emerging	Probability	Two-way tables	
13	Developing	Number	Long multiplication & short division	
14	Developing	Number	Adding & subtracting decimals	
15	Developing	Number	Directed number adding and subtracting	
16	Developing	Number	Directed number multiplying and dividing	
17	Developing	Algebra	Substitution	
18	Developing	Algebra	Expanding single brackets	
19	Developing	Algebra	Solving 2 step equations	
20	Developing	Number	Rounding	
21	Developing	Number	Estimating	
22	Developing	Number	Error intervals	
23	Developing	Probability	Relative frequency	
24	Securing	Number	Long multiplication with decimals	
25	Securing	Number	Money word problems	
26	Securing	Algebra	Indices and substitution	
27	Securing	Algebra	Solving equations with brackets	
28	Securing	Number	Error intervals	
29	Securing	Probability	Probability tree	
30	Mastering	Number	Division with decimals	
31	Mastering	Number	Long multiplication word problem	
32	Mastering	Algebra	Expand double bracket	
33	Mastering	Algebra	Solving equation with x on both sides	
34	Mastering	Algebra	Forming and solving equations	
35	Mastering	Probability	Venn diagram	