



# DRAYTON MANOR HIGH SCHOOL

## Curriculum Map

### Year 8

Date	Week	Lesson 1	Lesson 2	Lesson 3
1-Sep	1			Y7 recap and risk assessment
8-Sep	2	Solubility curve for potassium nitrate practical	Practical write up (graph)	Elements and Atoms
15-Sep	3	Elements and Atoms	Periodic Table	Periodic Table
22-Sep	4	Compounds and Mixtures (theory)	Compounds and Mixtures (practical)	Naming and Formulae
29-Sep	5	Naming and Formulae	Metals and Non-Metals	Revision
6-Oct	6	End of topic test	Healthy Diet	Food tests (theory and planning)
13-Oct	7	Food tests (practical)	Food tests (write up + application questions)	Feedback review
20-Oct	8	Unbalanced diet	The human digestive system	<i>Buffer lesson</i>
<b>Half term</b>				
3-Nov	9	Digestive enzymes	Small intestine	Microbiome
10-Nov	10	<i>Pre-assessment revision</i>	<i>Pre-assessment revision</i>	Autumn Assessment
17-Nov	11	Investigating the energy content of food (theory + planning)	Investigating the energy content of food (practical)	Investigating the energy content of food (graph + conclusion)



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24-Nov	12	Digestion revision	Aerobic respiration	Anaerobic respiration
1-Dec	13	Anaerobic respiration in plants	Respiration revision	Autumn Assessment Review
8-Dec	14	Exploring magnets	Magnetic fields	Earth's magnetic field
15-Dec	15	History of magnets	<i>Buffer lesson</i>	

## Christmas Holiday

5-Jan	16	Exploring gravity	Static electricity	Application of static electricity
12-Jan	17	Pressure	Pressure I exert	Pressure in fluids
19-Jan	18	Floating and sinking	Revision	Feedback task
26-Jan	19	Acids and alkalis (theory)	Acids and alkalis (practical)	Making an indicator 1
2-Feb	20	Neutralisation	Products of neutralisation 1	Feedback task review
9-Feb	21	Products of neutralisation 2	<i>Buffer lesson</i>	<i>Buffer lesson</i>

## Half Term

23-Feb	22	Reactions of acids and metals (theory)?	Reactions of acids and metals (practical)?	Types of material
2-Mar	23	Acid and alkali Revision	<i>Pre-assessment revision</i>	<i>Pre-assessment revision</i>



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9-Mar	24	buffer lesson	Spring Assessment	Photosynthesis
16-Mar	25	Structure of leaf	Testing leaves for starch	Movement of water in plants
23-Mar	26	Spring assessment review	buffer lesson	buffer lesson
<b>End of term</b>				
<b>13-Apr</b>	27	Factors affecting transpiration (demo potometer)(graph?)	Use of minerals	Mineral deficiency
20-Apr	28	Chemosynthesis	Animal and plant adaptations	Food chains and food webs
27-Apr	29	Pyramid of numbers + Feedback task	Interdependence	Bioaccumulation
4-May	30	Revision	Review feedback task	Batteries
11-May	31	Fruit Batteries (practical)	Circuit diagrams	Current (theory)



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18-May	32	Current (practical)	8P4 - L5 Potential difference (theory)	8P4 - L5 Potential difference (practical)
Half term				
1-Jun	33	8P4 - L6 Resistance	How length affects current	Circuits and models
8-Jun	34	<i>Pre-assessment revision</i>	Summer Assessment	Electromagnets
15-Jun	35	Strength of electromagnets	Applying knowledge of electromagnets (graph?)	Motors
22-Jun	36	Revision	Summer Assessment Review	<i>Earth Structure</i>
29-Jun	37	<i>Igneous Rocks</i>	<i>Sedimentary Rocks</i>	<i>Weathering</i>
6-Jul	38	<i>Weathering</i>	<i>Rock Cycle</i>	Earth's Atmosphere
13-Jul	39	Carbon Cycle	Greenhouse Effect	Climate Change
End of term	40	Recycling	Review	Buffer lesson
Summer Holiday				