



DRAYTON MANOR HIGH SCHOOL

Curriculum Map

Year 7

Date	Week	Lesson 1	Lesson 2	Lesson 3
1-Sep	1			Lab safety
8-Sep	2	Measuring	Measuring (extra time)	Drawing of scientific equipment
15-Sep	3	Bunsen burners 1	Bunsen burners 2?	Asking scientific questions and variables
22-Sep	4	Graphs	Lines of best fit and conclusions	Heating water experiment
29-Sep	5	Heating water experiment (write up)	Revision/ assessment	Solids, liquids, gases
6-Oct	6	Particle models P1	Particle Model Part 2	Density
13-Oct	7	Density (practical)	Expansion (Demo)	Gas pressure
20-Oct	8	Diffusion part 1 (theory)	Diffusion part 2 (practical + write up)	Changes of state part 1 (theory)
Half term	Half Term			
3-Nov	9	Changes of state part 2 (practical)	Melting and boiling points	Melting and boiling points (extra time)
10-Nov	10	Using the particle model	Revision lesson	Microscopes



DRAYTON MANOR HIGH SCHOOL

17-Nov	11	Animal and plant cells	<i>Pre-assessment revision</i>	Autumn Assessment
24-Nov	12	Observing Animal Cells	Observing Plant Cells	Specialised animal cells
1-Dec	13	Specialised plant cells	Diffusion and Cells	Autumn Assessment Review
8-Dec	14	Osmosis	Unicellular organisms	Levels of organisation
15-Dec	15	Revision	buffer lesson	buffer lesson
End of term	Christmas Holiday			
5-Jan	16	Forces	Weight	Making a Newtonmeter
12-Jan	17	Making a Newtonmeter	Balanced and unbalanced forces	Hooke's Law and deformation (theory + planning)
19-Jan	18	Hooke's Law (practical)	Hooke's Law (write up)	Upthrust (demo)
26-Jan	19	Friction (theory + planning)	Friction (practical + evaluation)	buffer lesson
2-Feb	20	Streamlining	Air and water resistance	Revision
9-Feb	21	<i>End of topic assessment</i>	Pure and impure	Sieving, magnetism, filtration
Half term	Half Term			



DRAYTON MANOR HIGH SCHOOL

23-Feb	22	Dissolving	Factors that affect dissolving (graph?)	Solvents
2-Mar	23	<i>Pre-assessment revision</i>	Application of melting and boiling point of mixtures	Evaporation
9-Mar	24	Spring Assessment (written paper)	Spring Assessment (practical assessment)	Separating liquids (demo)
16-Mar	25	Chromatography (practical)	Chromatography (application)	Revision
23-Mar	26	Energy stores	Physical processes in energy transfers	Spring Assessment Review
End of term	Easter Holiday			
13-Apr	27	Conserving energy	Conserving energy (extra time)	Work Done
20-Apr	28	Power ratings and energy transfer	Application of power ratings and energy transfer	Describing sound



DRAYTON MANOR HIGH SCHOOL

27-Apr	29	Speed of sound	Visualising sound	Reflecting and absorbing sound
4-May	30	Hearing sound	Ultrasound and infrasound	Revision 1
11-May	31	<i>End of topic assessment</i>	The respiratory system	Breathing (demo)
18-May	32	The skeletal system	The muscular system	<i>Buffer lesson</i>
Half term	Half Term			
1-Jun	33	The muscular system part 2(practical)	Biomechanics	<i>Pre-assessment revision</i>
8-Jun	34	Summer Assessment	The human reproductive system	Puberty and the menstrual cycle
15-Jun	35	Puberty and the menstrual cycle (extra time)	Fertilisation and implantation	Development of a foetus and birth
22-Jun	36	Flowers and pollination	Fertilisation and germination	Seed dispersal 1
29-Jun	37	Summer Assessment Review	Seed dispersal 2	Revision
6-Jul	38	End of topic assessment	<i>Review of year 7 topics</i>	<i>Review of year 7 topics</i>
13-Jul	39	<i>Buffer lesson</i>	<i>Buffer lesson</i>	<i>Buffer lesson</i>
End of term	Summer Holiday			