

The Downs School Key stage 3 Science curriculum map

Science			
	Autumn term	Spring term	Summer term
Year 7	Working scientifically (<i>8 lessons</i>) Activate B1.1 Cells (<i>5 lessons</i>) Activate P1.1 Forces (<i>5 lessons</i>) Activate C1.1 Particles (<i>7 lessons</i>)	Activate B1.2 Body systems (<i>6 lessons</i>) Activate C2.2 Elements (<i>5 lessons</i>) Activate C1.3 Reactions (<i>6 lessons</i>) Activate P1.2 Sound (<i>5 lessons</i>)	Activate C1.4 Acids and alkalis (<i>4 lessons</i>) Activate P1.3 Light (<i>5 lessons</i>) Activate B1.3 Reproduction (<i>8 lessons</i>) Space (<i>4 lessons</i>)
	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.
Year 8	Activate B2.1 Health (<i>8 lessons</i>) Activate P2.1 Electricity (<i>8 lessons</i>) Activate C2.1 Periodic table (<i>5 lessons</i>) Activate C2.2 Separation (<i>6 lessons</i>)	Activate B2.2 Ecosystems (<i>9 lessons</i>) Activate P2.2 Energy (<i>8 lessons</i>) Activate C2.3 Metals and acids (<i>8 lessons</i>)	Activate B2.3 Adaptations (<i>7 lessons</i>) Activate C2.4 The Earth (<i>7 lessons</i>) Activate P2.3 Motion and pressure (<i>6 lessons</i>)
	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of chapter tests, assessed homework testing scientific skills, numeracy and literacy.
Year 9	AQA B1 Cell Biology (structure and transport) (<i>15 lessons</i>) AQA C1 Atomic structure (<i>10 lessons</i>) AQA P8 Turning points in Physics (<i>10 lessons</i>) AQA B7 Non communicable Disease (<i>5 lessons</i>)	AQA B3 Organisation in plants & animals (<i>11 lessons</i>) AQA C2 The Periodic Table (<i>8 lessons</i>) AQA P1 Energy transfer by heating and energy resources. (<i>11 lessons</i>) AQA C13 Earth's Atmosphere (<i>5 lessons</i>)	AQA B4 Organising plants and animals (<i>11 lessons</i>) AQA C5 Chemical changes (<i>11 lessons</i>) AQA P5 Forces in balance (<i>10 lessons</i>) AQA P6 Molecules and Matter (<i>7 lessons</i>)
	Assessment: end of topic tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of topic tests, assessed homework testing scientific skills, numeracy and literacy.	Assessment: end of topic tests, assessed homework testing scientific skills (ISA-style tasks.)

Key Stage 3 Science at the Downs School follows the Activate scheme of work for year 7 and 8 with a foundation GCSE course studies in year 9. All assessed homeworks and online support can be accessed via student log-in details on Moodle with an e-version of the textbooks used at www.kerboodle.com (different login details)