



Year 7 Science Curriculum (KS3)

 Holly Lodge 11-19 Science College						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	Introduction to science 1. Practical skills 2. Working scientifically 3. Chemistry 1. Acids and Alkalis	Chemistry 2. Particles and their behaviour 3. Elements, atoms and compounds. 4. Reactions	Physics 1. Forces 2. Light 3. Sound	Physics 4. Space Biology B3 Reproduction	Biology 1. Cells 2. Body Systems Review of year 7 science	Science Fayre Review of year 7 science
Assessment (cumulative)	Baseline test to assess prior learning 1a test (covering practical skills and working scientifically)	1b Chemistry test (covering all work completed so far)	2a Physics test	2b Physics and Reproduction test	End of year test (covering all work completed so far in year 7)	

Year 8 Science Curriculum (KS3)

 Holly Lodge 11-19 Science College						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	Practical skills Chemistry Periodic table The earth	Chemistry Metals and acids Separation techniques	Physics Electricity and magnetism Energy	Physics Energy (continued) Motion and Pressure Review of Chemistry and Physics	Biology Health and lifestyle Ecosystem processes	Biology Adaptation and Inheritance Review of end of year exam and year 7 lost learning
Assessment (Cumulative)	1a Chemistry test (covering practical skills and the periodic table)	1b Chemistry test	2a Physics test		End of year Exam (covering Chemistry and physics and year 7 work)	3b Biology and review test

Year 9 Science Curriculum



Holly Lodge
11–19 Science College

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	<p><u>Chemistry</u> Particles and Physical chemistry</p> <p><u>Physics</u> Practical skills</p> <p><u>Biology</u> Working Scientifically</p>	<p><u>Chemistry</u> Complete Particles and Physical chemistry</p> <p><u>Physics</u> Energy topic</p> <p><u>Biology</u> Cell biology</p>	<p><u>Chemistry</u> Acids and Alkalis and Chemistry Review</p> <p><u>Physics</u> Forces</p> <p><u>Biology</u> Interdependence</p>	<p><u>Chemistry</u> Acids and Alkalis and Chemistry Review</p> <p><u>Physics</u> Forces complete and Physics review</p> <p><u>Biology</u> Photosynthesis and Respiration</p>	<p><u>Chemistry</u> Atomic Structure</p> <p><u>Physics</u> Energy</p> <p><u>Biology</u> Cells and Biology review</p>	<p><u>Chemistry</u> Atomic structure and Review of Chemistry so far.</p> <p><u>Physics</u> Energy and Physics review</p> <p><u>Biology</u> Cells and Biology review</p>
Assessment	<p>Week beginning 4th October tests and review sessions will take place in Biology, Chemistry and Physics covering all work covered so far this year. To include review questions covering years 7 and 8 topics.</p>	<p>Whole school assessment week starting 6th December. Biology, Chemistry and Physics tests to cover all work so far and at years 7 and 8.</p>	<p>Week beginning 7th February tests and review sessions will take place in Biology, Chemistry and Physics covering all work covered so far this year. To include review questions covering years 7 and 8 topics.</p>	<p>Week beginning 4th April tests and review sessions will take place in Biology, Chemistry and Physics covering all work covered so far this year. To include review questions covering years 7 and 8 topics.</p>	<p>Week beginning 23rd May tests and review sessions will take place in Biology, Chemistry and Physics covering all work covered so far this year. To include review questions covering years 7 and 8 topics.</p>	<p>Week beginning 11th July tests and review sessions will take place in Biology, Chemistry and Physics covering all work covered so far this year. To include review questions covering years 7 and 8 topics.</p>