

Test 50 marks - 40 on recall (~8 marks at levels 3-7), 5 on previous topics (Q1 level 4-6?), 5 on skills (Q5)			
<u>underlined</u> = skill tested on test			
Year 7			2018-2019
Week			
1			Introduction lesson 1
			Introduction lesson 2
			Introduction lesson 3
2			Baseline testing
3	Cells	1.1.3	Comparing plant and animal cells (-could swap - microscopes!)
		1.1.4	Describing cells (-could swap - microscopes!)
		1.1.6	Understanding diffusion
		1.1.7	Understanding organisation in multicellular organisms
		1.1.9	Comparing flowering plants
		1.1.10	Knowing how pollination leads to fertilisation
		1.1.12+ 1.1.13	Understanding how seeds are dispersed by the wind and fruits
			<b>SKILLS - wind dispersal &amp; helicopter blade length (hyp &amp; plan)</b>
		1.1.14	Understanding the male reproductive system
		1.1.15	Understanding the female reproductive system and fertility
4		1.1.16	Learning about changes in puberty
		1.1.18	Understanding factors affecting a developing foetus
			Revision
5			Cells test (RG)
6			Review
7	Mixing, dissolving, seperating	1.3.4	Recognising materials, substances and elements
		1.3.6 + 1.3.8	Dissolving + dissolving and evaporating
			<b>SKILLS - effect of temp on rate of dissolving (numeracy)</b>
		1.3.7	Separating mixtures
		1.3.10	Understanding distillation
		1.3.12	Finding out what air is made of
		1.3.13 + 1.3.14	Exploring chromatography + using chromatography
8	Eating, drinking and breathing	1.3.16	Modelling mixtures and separation
		1.2.2	Exploring a healthy diet
		1.2.4	Comparing energy needs
		1.2.5	Exploring obesity and starvation
		1.2.7	Understanding the human digestive system
		1.2.8	Investigating the start of digestion
		1.2.9	Understanding the roles of the digestive system
		1.2.12	Recognising the role of bacteria
		1.2.13	Understanding how we breathe
		1.2.15	Evaluating gas exchange in humans
9		1.2.16	Investigating diffusion
		1.2.17	Exploring the effects of disease and lifestyle
		3.2.3	Understanding the impact of smoking
			<b>SKILLS - smoking graph / data (analysing &amp; evaluating)</b>
10		3.2.5	Understanding the effects of alcohol
		3.2.7	Learning about addiction & drugs
			Revision
11			EDB & Seperating Test (RG)
12			Review
13	Forces and their effects	1.5.2	Discovering forces
		1.5.3	Measuring forces
		1.5.6	Understanding stretch and compression
		1.5.7	<b>SKILLS - Investigating Hooke's Law (numeracy)</b>
		1.5.9	Exploring the benefits of friction
		1.5.10	Understanding air and water resistance
		1.5.13	Exploring forces and motion
		1.5.14	Exploring how forces affect speed and direction
14		1.5.15	Understanding speed calculations
		1.5.16	Understanding turning forces
		1.5.18	Understanding the application of moments
			Revision
15	Elements, compounds and reactions	1.4.3	Looking at the Periodic Table of elements
		1.4.5	Understanding metals
		1.4.6	Understanding non-metals
		1.4.9	Choosing elements for a purpose
		1.4.11	Combining elements
		1.4.12	Using models to understand chemistry
16		1.4.13	Understanding what happens when an element burns
			<b>SKILLS - burning candle investigation (analysing &amp; evaluating)</b>
		1.4.14	Observing how elements react in different ways
17		1.4.16	Understanding oxidation
		1.4.17	Investigating carbonates
		1.4.18	Explaining changes
18			Revision
19			Forces & Reactions Test (RG)
20			Review
21		1.4.3	Looking at the Periodic Table of elements
		1.4.5	Understanding metals
22		1.4.6	Understanding non-metals
		1.4.9	Choosing elements for a purpose
23		1.4.11	Combining elements
		1.4.12	Using models to understand chemistry
24		1.4.13	Understanding what happens when an element burns
			<b>SKILLS - burning candle investigation (analysing &amp; evaluating)</b>
			Revision
			Forces & Reactions Test (RG)

			Review
25	Energy Transfers & Sound	1.6.3	Exploring Energy transfers
		1.6.3	Understanding potential energy and kinetic energy
		1.6.4	Doing work
26		1.6.6	Understanding elastic potential energy
		1.6.7	Knowing the difference between heat and temperature
		1.6.8	Thinking about fuels - & start SKILLS
27		1.6.9	<b>SKILLS - Investigating fuels (analysing &amp; evaluating)</b>
		1.6.12	Describing sound
		1.6.13	Measuring the speed of sound
28		1.6.14	Understanding how sounds travels through materials
	1.6.15	Learning about the reflection and absorption of sound	
	1.6.16 + 1.6.18	Hearing sounds + sounds we cannot hear	
29	Plants and ecosystems	2.2.2	Understanding the importance of plants
		2.2.3	Exploring how plants make food
		2.2.5	Exploring the role of stomata
30		2.2.6	<b>SKILLS - Investigating photosynthesis (hyp &amp; plan)</b>
		2.2.7	Exploring the movement of water and minerals in plants
		2.2.11	Understanding food webs
31		2.2.12	Exploring the importance of insects
		2.2.13	Looking at other examples of interdependence
	2.2.15	Learning about ecological balance	
	2.2.17	Exploring how organisms co-exist	
32			Revision
			Energy & Plants Test (DD)
			Review
33	Exploring contact & non-contact forces	2.5.2	Exploring magnets ( <b>START POINT 1</b> )
		2.5.3	Understanding magnetic fields
		2.5.4	Investigating static charge
34		2.5.5	Explaining static charge
		2.5.7	Applying what we know about electrostatics
		2.5.8	Exploring gravity on Earth ( <b>START POINT 2</b> )
35		2.5.11	Exploring pressure on a solid surface
		2.5.12	<b>SKILLS - Calculating pressure (numeracy)</b>
36		2.5.13	Exploring pressure in a liquid
		2.5.14	Explaining floating and sinking
	2.5.15	Exploring gas pressure	
37			
38			
39			