	HT 1	HT 2	HT 3	HT 4	HT 5	HT 6
Year 7	Introduction to	Introduction to	Particles	Particles	Chemical Substances	Reproduction in
2020-21	Science at BFCJ. (All	Science at BFCJ. (All	Big Picture link	Big Picture link	Big Picture link	animals and plants
	groups - currently	groups - currently	Key learning link	Key Learning link	Key learning link	Big Picture link
<b>Note 1</b> : Please read	delayed).	delayed).				<u>Key Learning link</u>
in conjunction with	Big Picture link	Big Picture link				
the curriculum maps	<u>Key Learning link</u>	<u>Key Learning link</u>				
that are in place for						
Biology, Chemistry &	Cells, tissues and	Cells, tissues and	Energy	Energy	Energy	Chemical Substances
Physics which map	organs	organs	Big Picture link	<u>Big Picture link</u>	<u>Big Picture link</u>	<u>Big Picture link</u>
out coverage from	Big Picture link	<u>Big Picture link</u>	Key Learning link	Key Learning link	<u>Key Learning link</u>	Key learning link
Y7-Y11.	<u>Key Learning link</u>	<u>Key Learning link</u>				
Note 2: Groups with						
more than one	Forces	Forces	Forces	Chemical Substances	Particles	
teacher will have an	Big Picture link	Big Picture link	Big Picture link	Big Picture link	<u>Big Picture link</u>	
adapted rotation. Y7	<u>Key Learning link</u>					
Rotation can be						
found by clicking on		Particles				
the <u>Y7 Rotation Link</u>		Big Picture link				
Note 3: Expansion on		<u>Key Learning link</u>				
content for each unit						
can be found by	Working	Working	Working	Working	Working	Working
clicking on the Big	Scientifically.	Scientifically.	Scientifically.	Scientifically.	Scientifically.	Scientifically.
Picture link.	WS Content LINK					
Note 4: Key learning						
points for each unit						
can be found by						
clicking on the Key						
learning link.						
<b>Note 5</b> : Content for						
Working Scientifically						
can be found by						
clicking on the link.						

	HT 1	HT 2	HT 3	HT 4	HT 5	HT 6
Year 8	Particles	Particles	Chemical Patterns	Chemical Patterns	Chemical Patterns	Forces & Space
2020-21	Big Picture link	Big Picture link	Big Picture link	Big Picture link	Big Picture link	Big Picture link
	<u>Key Learning link</u>	<u>Key Learning link</u>	<u>Key Learning link</u>	<u>Key Learning link</u>	<u>Key Learning link</u>	Key Learning link
Note 1: Please read in conjunction with the curriculum maps that are in place for Biology, Chemistry & Physics which map out coverage from Y7-Y11.  Note 2: Groups with more than one teacher will have an adapted rotation. Y8 Rotation can be found by clicking on the Y8 Rotation link  Note 3: Expansion on content for each unit can be found by clicking on the Big Picture link.  Note 4: Content for Working Scientifically can be found by clicking on the link.	Food & Energy Big Picture link Key Learning link  Waves Big Picture link Key Learning link  Working Scientifically. WS Content LINK	Key Learning link  Food & Energy Big Picture link Key Learning link  Waves Big Picture link Key Learning link  Working Scientifically. WS Content LINK	Key Learning link  Forces & Space Biq Picture link Key Learning link  Waves Biq Picture link Key Learning link  Working Scientifically. WS Content LINK	Key Learning link  Forces & Space Big Picture link Key Learning link  Working Scientifically. WS Content LINK	Key Learning link  Forces & Space Big Picture link Key Learning link  Environment Big Picture link Key Learning link  Working Scientifically. WS Content LINK	Environment Big Picture link Key Learning link  Working Scientifically. WS Content LINK

	HT 1	HT 2	HT 3	HT 4	HT 5	HT 6
Year 9	Biology - The Healthy	Biology - The Healthy	Biology - Genetics	Biology - Genetics	Working	Cell structure
2020-21	Body - Breathing	Body – The effects of	and Evolution -	and Evolution -	scientifically skills -	Microscopes
	system and effects of	recreational drugs on	Classification of	Causes of variation	extended full	Specialised cells
	exercise.	the body and on	animals and plants	including inheritance	investigations in	Tissues, organs &
Note 1: Please read in conjunction with the	Effects of asthma and	health.	and the concept of a	and genetic	B/C/P.	organ systems in
	smoking on gas	The importance of a	species.	disorders.	WS Content LINK	animals.
curriculum maps that	exchange.	balanced, healthy	Types of variation.	DNA and		
are in place for	The role of the	diet.	Measuring variation	chromosomes.	w/c 03/05/2021:	
Biology, Chemistry &	skeleton in humans.	Importance of	in humans and	Natural selection and	Final Assessments of	
Physics which map	<u>Big Picture link</u>	regular exercise in	presenting data.	evolution.	KS3 Science B/C/P	
out coverage from	Key Knowledge link	maintaining fitness	<u>Big Picture link</u>	Extinction.	knowledge &	
Y7-Y11.		and health.	Key Knowledge link	Big Picture link	understanding and	
		Big Picture link		Key Knowledge link	scientific skills.	
Note 2: All Y9 groups		Key Knowledge link				
follow the same	<b>Chemistry</b> - Metals	<b>Chemistry</b> - Metals	<b>Chemistry</b> - Chemical	<b>Chemistry</b> - Chemical		Atoms
sequence of units.	Atomic structure	Reactions of metals	Reactions	Reactions		Chemical equations
	Periodic Table and its	with acids	Conservation of mass	Exothermic and		Separating mixtures
Note 3: Expansion on	development	Constructing the	Thermal	endothermic		Fractional distillation
content for each unit	Properties of metals	reactivity series	Decomposition	reactions		and paper
can be found by	and non-metals	Using the reactivity	Combustion	Catalysts		chromatography
clicking on the Big	Reaction of metals	series	Greenhouse Effect	Ceramics		History of the atom
Picture link.	with air	Metal extraction	Climate change	Polymers		Structure of the atom
	Rusting of iron	Metal and non-metal	<u>Big Picture link</u>	Composite materials		Ions, atoms, and
Note 4: Content for	Reaction of metals	oxides	Key Knowledge link	Big Picture link		isotopes
Working Scientifically	with water	Making copper		<u>Key Knowledge link</u>		Electronic structures
can be found by	<u>Big Picture link</u>	sulfate.				
clicking on the WS	Key Knowledge link	<u>Big Picture link</u>				
link.		Key Knowledge link	<b>51</b>	<b>51</b>		_
	Physics – Energy	Physics – Energy	Physics – Electricity &	Physics – Electricity &		Energy resources –
	stores & electricity	stores & electricity.	magnetism.	magnetism.		non-renewable,
			Big Picture link	Big Picture link		renewable and
			Key Knowledge link	Key Knowledge link		energy demands.