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You should have been given a class code by your teacher to access the correct course.

Purple topics are triple science **only** topics only

<u>Term</u>	topics	Seneca Course	Course code and
			<u>title</u>
Autumn 1	Ecology (Y9)	Combined Science	Ecology 7.1.1-
		Biology FT	7.1.2 and 7.2.1-
			7.2.3
		Combined Science	Ecology 7.1.1-
		Biology HT	7.1.2 and 7.2.1-
			7.2.5
		Biology FT	Ecology 7.1.1-
			7.1.2 and 7.2.1-
			7.2.6
		Biology HT	Ecology 7.1.1-
			7.1.2 and 7.2.1-
			7.2.8
	Ecology (Y10)	Combined Science	Communities
		Biology HT and FT	7.1.1
		Combined Science	Interdependence
		Biology HT and FT	and stability of
			ecosystems 7.1.2
	Waves (Y9)	Combined Science	Transverse and
		Physics FT	longitudinal 6.1.1
		Combined Science	Transverse and
		Physics HT	longitudinal 6.1.2
		Physics FT	Transverse 6.1.1
		Physics FT	Longitudinal 6.1.2
		Combined Science	Describing waves
		Physics FT	6.1.2 and 6.1.3
		Combined Science	Calculating wave
		Physics FT	speed 6.1.3
		Combined Science	Sound waves
		Physics FT	6.1.4

Combined Science Physics HT Physics HT and FT Sound waves 6.3.1 Physics HT Combined Science Physics HT Combined Science Physics FT Combined Science Physics HT Combined Science Physics HT Combined Science Physics HT Combined Science Physics FT boundary 6.2.5 Combined Science Physics FT boundary 6.2.5 Combined Science Physics FT boundary 6.2.5 Combined Science Physics FT and HT Combistry FT Combined Science Physics FT and HT Chemistry FT Alali metals 1.1.11 Chemistry FT Alkali metals 1.1.11 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Chemistry HT Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT and HT Chemistry FT and HT Chemistry FT and HT Chemistry FT Chemistry FT and HT Chemistry FT Chemistry FT Fractional distillation 7.1.3			
Physics HT and FT Physics HT Sound waves 6.3.1 Physics HT Sound waves 2,6.3.2 Ripple tank 6.1.4 Physics HT Combined Science Physics FT and HT Chemistry FT Combined Science Physics FT and HT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Alkali metals 1.1.11 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Chemistry FT and HT Chemistry FT and HT Chemistry FT Chemistry FT and HT Chemistry HT Reactions with metals and acids 4.3.1 Chemistry FT and HT Chemistry FT Chemistry FT Chemistry FT		Combined Science	Basics and
Combined Science Physics HT Combined Science Physics FT Combined Science Physics FT Combined Science Physics FT Combined Science Physics HT Combined Science Physics HT Combined Science Physics HT Combined Science Physics FT Combined Science Physics FT and HT Combined Science Physics FT and HT Chemistry FT Fractional distillation 7.1.3		Physics HT	formula 6.1.1
Physics HT Combined Science Physics HT Chemistry FT Measuring mass 3.1.2 Chemistry FT and HT Chemical reactions and equations 1.1.2 Alkali metals 1.1.11 Chemistry HT Alkali metals 1.1.10 Chemistry HT Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Chemistry FT and HT Chemistry HT Chemistry FT and HT Chemistry HT Chemistry HT Chemistry HT Chemistry HT Fractional distillation 7.1.3		Physics HT and FT	Sound waves
Combined Science Physics HT Combined Science Physics FT md HT Combined Science Physics FT and HT Chemistry FT Measuring mass 3.1.2 Chemistry FT and HT Chemical reactions and equations 1.1.2 Alkali metals 1.1.11 Chemistry HT Alkali metals 1.1.10 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Cremistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT Fractional distillation 7.1.3			6.3.1
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Combined Science Physics FT Combined Science Physics HT Combined Science Physics HT Combined Science Physics HT Combined Science Physics FT and HT Chemistry FT Measuring mass 3.1.2 Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemistry FT Alkali metals 1.1.11 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Cremistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT Fractional		Combined Science	Ripple tank 6.1.4
Physics FT Combined Science Physics HT Combined Science Physics HT Combined Science Physics FT and HT Chemistry (Y9) Chemistry FT and HT Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT Fractional Chemistry FT Fractional		Physics HT	
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Physics HT Combined Science Physics FT and HT Quantitative Chemistry (Y9) Chemistry FT Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemistry HT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry HT Chemistry FT Chemistry HT Chemistry HT Chemistry HT Chemistry HT Chemistry FT Chemistry HT Chemistry FT Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT Fractional		Physics FT	boundary 6.2.5
Combined Science Physics FT and HT Quantitative Chemistry (Y9) Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemistry HT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Alkali metals 1.1.11 Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry HT Chemistry FT and HT Crude oil 7.1.1 Chemistry HT Chemistry HT Chemistry HT Chemistry HT Chemistry FT and HT Chemistry FT and HT Chemistry HT Chemistry FT and HT Chemistry HT Chemistry FT and HT Chemistry FT and HT Chemistry FT and HT Chemistry FT Fractional distillation 7.1.3		Combined Science	Waves at a
Quantitative Chemistry (Y9) Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemical Change (Y9) Chemistry FT Chemistry FT Chemistry FT Chemistry FT Alkali metals 1.1.10 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Organic Chemistry (Y9) Chemistry FT and HT Fractional		Physics HT	boundary 6.2.5
Quantitative Chemistry (Y9)Chemistry FT 3.1.2Measuring mass 3.1.2Chemistry (Y9)Chemistry FT and HT equations 1.1.2Chemical reactions and equations 1.1.2Chemical Change (Y9)Chemistry FT Chemistry HTAlkali metals 1.1.10Chemistry FTDisplacement reactions 4.2.2Chemistry HTReactivity tests and extraction 4.2.2Chemistry HTReactions with metals and acids 4.3.1Organic Chemistry (Y9)Chemistry FT and HT Chemistry FT and HT Chemistry HTCrude oil 7.1.1 Fractional distillation 7.1.3Chemistry FTFractional		Combined Science	Waves at a
Chemistry (Y9) Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemical Change (Y9) Chemistry HT Chemistry HT Chemistry FT Alkali metals 1.1.10 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Chemistry FT and HT Chemistry FT and HT Chemistry FT and HT Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional		Physics FT and HT	boundary 2, 6.2.2
Chemistry FT and HT Chemical reactions and equations 1.1.2 Chemical Change (Y9) Chemistry FT Chemistry HT Chemistry HT Alkali metals 1.1.10 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Chemistry HT Chemistry HT Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry HT Fractional Chemistry FT Chemistry FT Fractional	Quantitative	Chemistry FT	Measuring mass
Chemical Change (Y9) Chemistry FT Chemistry HT Chemistry FT Chemistry HT Chemistry HT Chemistry HT Chemistry HT Reactions 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Crude oil 7.1.1 Chemistry FT and HT Chemistry FT Fractional	Chemistry (Y9)		3.1.2
Chemical Change (Y9) Chemistry FT Chemistry HT Chemistry FT Chemistry FT Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Fractional distillation 7.1.3 Chemistry FT Fractional		Chemistry FT and HT	Chemical
Chemical Change (Y9) Chemistry FT Chemistry HT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry FT Chemistry HT Chemistry HT Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Crude oil 7.1.1 Chemistry FT and HT Fractional distillation 7.1.3 Chemistry FT Fractional			reactions and
Chemistry HT Chemistry HT Alkali metals 1.1.10 Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Chemistry FT and HT Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			equations 1.1.2
Chemistry HT Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Fractional distillation 7.1.3 Chemistry FT Fractional	Chemical Change	Chemistry FT	Alkali metals
Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional	(Y9)		1.1.11
Chemistry FT Displacement reactions 4.2.2 Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional		Chemistry HT	Alkali metals
Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			1.1.10
Chemistry HT Reactivity tests and extraction 4.2.2 Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional		Chemistry FT	Displacement
Chemistry HT Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Fractional distillation 7.1.3 Chemistry FT Fractional			reactions 4.2.2
Chemistry HT Chemistry HT Chemistry FT and HT (Y9) Chemistry FT and HT Fractional distillation 7.1.3 Chemistry FT Fractional		Chemistry HT	Reactivity tests
Chemistry HT Reactions with metals and acids 4.3.1 Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			and extraction
Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			4.2.2
Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional		Chemistry HT	Reactions with
Organic Chemistry (Y9) Chemistry FT and HT Crude oil 7.1.1 Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			metals and acids
(Y9) Chemistry FT and HT Alkanes 7.1.2 Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional			
Chemistry HT Fractional distillation 7.1.3 Chemistry FT Fractional	Organic Chemistry	Chemistry FT and HT	Crude oil 7.1.1
Chemistry FT Fractional	(Y9)	Chemistry FT and HT	Alkanes 7.1.2
Chemistry FT Fractional		Chemistry HT	Fractional
			distillation 7.1.3
distillation 7.1.4		Chemistry FT	Fractional
			distillation 7.1.4

	Chemistry FT	Properties of hydrocarbons 7.1.3
	Chemistry FT and HT	Alkenes 7.2.1
Energy (Y9)	Combined science	Energy stores
	Physics HT and FT	1.1.1
	Combined science	Storing of energy
	Physics HT and FT	1.1.2
	Combined science	Energy transfers
	Physics HT and FT	1.1.4
	Combined science	Power and
	Physics FT	energy transfers 1.2.2
	Combined science	Energy losses and
	Physics FT	efficiency 1.2.1
	Physics FT	Efficiency 1.2.1
	Physics HT	Energy losses and
		efficiency 1.1.2
		and 1.1.2
	Physics FT	Energy losses 1.2.2
	Physics HT	Energy losses 1.2.3
	Combined science	Fossil fuels and
	Physics FT and HT	geothermal 1.3.1
	Combined science	Wind and tidal
	Physics FT and HT	1.3.2
	Combined science	Nuclear and solar
	Physics FT and HT	1.3.3
Atmosphere (Y9)	Combined science	Proportions of
	Chemistry FT	gases in the
		atmosphere 9.1.1
	Chemistry FT	The early atmosphere 9.1.2
	Chemistry HT	Oxygen and
	,	Carbon dioxide in
		the atmosphere
		9.1.2

Using resources	Combined science	Proportions of
(Y9)	Chemistry FT	gases in the
		atmosphere 9.1.1
	Chemistry FT	The early
		atmosphere 9.1.2
	Chemistry HT	Oxygen and
		Carbon dioxide in
		the atmosphere
		9.1.2
Homeostasis and	Combined Science	Homeostasis and
hormones (Y9)	Biology FT	response 5.1.1
		and 5.2.1-5.2.3
	Combined Science	Homeostasis and
	Biology HT	response 5.1.1-
		5.1.2 and 5.4.1-
		5.4.3
	Biology FT	Homeostasis and
		response 5.1.1
		and 5.4.1
	Biology HT	Homeostasis and
		response 5.1.1-
		5.1.2 and 5.4.1-
		5.4.3

<u>Term</u>	<u>topics</u>	Seneca Course	Course code and title
Autumn 2	Chemical analysis	Chemistry FT	Purity and
	(Y9)		formulations
			8.1.1
		Chemistry FT and HT	Paper
			chromatography
			8.1.2
		Chemistry FT and HT	RP paper
			chromatography
			8.1.3
		Chemistry FT and HT	Testing for
			hydrogen 8.2.1

	Chemistry FT and HT	Testing for
	Chamista FT and LIT	oxygen 8.2.2
	Chemistry FT and HT	Testing for
		carbon dioxide
	Chamista FT and LIT	8.2.4
	Chemistry FT and HT	Summary of gas
Pates (VO)	Combined science	tests 8.2.5 Chemical
Rates (Y9)		reactions and
	Chemistry FT and HT	collisions 6.1.1
Enorgy Changes	Chemistry FT and HT	Exothermic and
Energy Changes (Y9)	Chemistry Fr and Fr	endothermic
(19)		reactions 5.1.1
	Chemistry FT and HT	Reaction profiles
	Chemistry F1 and T1	5.1.2
Infection and	Biology FT	Infection and
response (Y9)		Response 3.2.1
	Biology HT	Infection and
		response 3.3.1-
		3.3.3
Using resources	Combined science	Proportions of
(Y9)	Chemistry FT	gases in the
		atmosphere 9.1.1
	Chemistry FT	The early
		atmosphere 9.1.2
	Chemistry HT	Oxygen and
		Carbon dioxide in
		the atmosphere
Facility 1	Combined Co	9.1.2
Ecology and	Combined Science	Ecology 7.1.1-
decomposition	Biology FT	7.1.2 and 7.2.1-
(Y9)	Complete of Catagories	7.2.3
	Combined Science	Ecology 7.1.1-
	Biology HT	7.1.2 and 7.2.1-
	Diology FT	7.2.5
	Biology FT	Ecology 7.1.1- 7.1.2 and 7.2.1-
		7.2.6

	DiologyUT	Foology 7.1.1
	Biology HT	Ecology 7.1.1-
		7.1.2 and 7.2.1-
		7.2.8
Atomic Structure	Physics FT and HT	Atomic model
Physics (Y9)		4.1.1
	Physics FT and HT	Atomic Model 2,
		4.1.2
	Physics FT and HT	Atoms and lons
		4.1.3
	Physics FT and HT	Isotopes 4.1.4
	Physics FT and HT	Radioactive
		decay 4.2.1
	Physics FT and HT	Types of
	,	radioactive decay
		4.2.2
	Physics FT and HT	Radioactive
	,	decay equations
		4.2.3
	Physics FT and HT	Half lives and
	1 Hysics I I alla III	ionising radiation
		4.2.4
	Physics FT	Uses of radiation
	T Trysics T T	4.2.5
	Physics FT	Dangers of
	Filysics I I	radiation 4.2.6
	Physics HT	
	PHYSICS ITT	Uses and dangers
		of radiation 1&2, 4.2.5 and 4.2.6
	Dhysica UT and FT	
Electricity (Y9)	Physics HT and FT	Static electricity
	DI STANDER STEEL	2.5.1
	Physics HT and FT	Conductors
	Combined science	Current 2.1.1
	Physics FT and HT	
	Combined science	Circuit diagrams
	Physics FT	2.1.1
	Combined science	Potential
	Physics FT	difference 2.1.3
	Combined science	Ohm's Law 2.2.2
	Physics FT and HT	

Chemical analysis	Chemistry FT	Purity and
(Y9)		formulations
		8.1.1
	Chemistry FT and HT	Paper
		chromatography
		8.1.2
	Chemistry FT and HT	RP paper
		chromatography
		8.1.3
	Chemistry FT and HT	Testing for
		hydrogen 8.2.1
	Chemistry FT and HT	Testing for
		oxygen 8.2.2
	Chemistry FT and HT	Testing for
		carbon dioxide
		8.2.4
	Chemistry FT and HT	Summary of gas
		tests 8.2.5
Bioenergetics	Combined science	Respiration 1 & 2,
	Biology HT and FT	4.2.1 & 4.2.2

<u>Term</u>	topics	Seneca Course	Course code and
			<u>title</u>
Spring 1	Bonding	Combined Science	Metallic bonds
		Chemistry FT	2.1.5
		Combined Science	Metallic bonds
		Chemistry HT	2.1.4
		Combined Science	Metals 2.3.4
		Chemistry HT and FT	
		Combined Science	Ionic bonds 2.1.1
		Chemistry FT	
		Combined Science	Ionic compounds
		Chemistry HT and FT	2.1.2
		Combined Science	Representing
		Chemistry HT and FT	covalent bonds
			2.1.5
		Combined Science	Ionic bonds 2.1.1
		Chemistry HT	

	Combined Science	Chemical
	Chemistry HT and FT	properties 2.3.1
Homeostasis	Combined science	Blood glucose
	Biology HT and FT	5.3.3
	Combined science	Types of diabetes
	Biology HT and FT	5.3.4
	Combined science	Hormones in
	Biology FT	reproduction
		5.3.5
	Combined science Biology HT	Puberty 5.3.5
	Combined science	Menstruation
	Biology HT	5.3.6
	Combined science	Contraception 1
	Biology HT and FT	& 2 5.3.6 & 5.3.7
	Combined science	Infertility 5.3.9
	Biology HT and FT	
	Combined science	Thyroxine and
	Biology HT and FT	adrenalin 5.3.2
Chemistry Atomic	Chemistry HT	Atom size and
Structure 1		number 1.1.5
	Chemistry HT	Periodic table
	Classic UT	1.1.6
0.11	Chemistry HT	Isotopes 1.1.7
Cells and	Combined science	Types of cells
organisation	Biology HT and FT	1.1.1
	Combined science Biology HT and FT	Standard form 1.1.2
	Combined science	Microscopy 1 & 2
	Biology HT and FT	1.1.8 & 1.1.9
	Combined science	Diffusion 1 & 2
	Biology HT and FT	1.3.1 & 1.3.2
	Combined science	Enzymes 2.2.1
	Biology HT and FT	2112y111C3 2.2.1
	Combined science	Digestive
	Biology HT and FT	enzymes 2.2.2
	Combined science	Digestive
	Biology HT and FT	enzymes 2 2.3
		-

	Combined science	End of topic test
	Biology HT and FT	2.2.4
	Combined science	The blood 2.3.5 &
	Biology HT and FT	2.3.6
	Combined science	Treatments for
	Biology HT and FT	CHD 2.4.4

<u>Term</u>	<u>topics</u>	Seneca Course	Course code and
			<u>title</u>
Spring 2	Cells and	Combined science	Types of cells
	organisation	Biology HT and FT	1.1.1
		Combined science	Standard form
		Biology HT and FT	1.1.2
		Combined science	Microscopy 1 & 2
		Biology HT and FT	1.1.8 & 1.1.9
		Combined science	Diffusion 1 & 2
		Biology HT and FT	1.3.1 & 1.3.2
		Combined science	Enzymes 2.2.1
		Biology HT and FT	
		Combined science	Digestive
		Biology HT and FT	enzymes 2.2.2
		Combined science	Digestive
		Biology HT and FT	enzymes 2 2.3
		Combined science	End of topic test
		Biology HT and FT	2.2.4
		Combined science	The blood 2.3.5 &
		Biology HT and FT	2.3.6
		Combined science	Treatments for
		Biology HT and FT	CHD 2.4.4
	Particles	Combined science	Density 3.1.3
		Physics HT and FT	
		Combined science	Heat capacity
		Physics HT and FT	3.2.1
		Physics HT and FT	Particle motion in
			gases 1, 3.3.1
		Physics HT and FT	Particle motion in
			gases 2, 3.3.2

		Combined science	Latent heat 3.2.3
		Physics HT and FT	
	Bioenergetics	Combined science	Respiration 4.2.1
		Biology HT and FT	
		Combined science	Respiration 2
		Biology HT and FT	4.2.2
	Atmosphere	Chemistry HT	Greenhouse
			gases 9.1.3
		Chemistry HT	Sources of
			atmospheric
			pollutants 9.1.6
1	Bioenergetics 2	Combined science	Photosynthesis
		Biology HT and FT	4.1.1
		Combined science	Photosynthesis 2
		Biology HT and FT	limiting factors
			4.1.2
		Combined science	Experiments (RP)
		Biology HT and FT	4.1.3
	Homeostasis	Combined science	Blood glucose
		Biology HT and FT	5.3.3
		Combined science	Types of diabetes
		Biology HT and FT	5.3.4
		Combined science	Hormones in
		Biology FT	reproduction
			5.3.5
		Combined science	Puberty 5.3.5
		Biology HT	
		Combined science	Menstruation
		Biology HT	5.3.6
		Combined science	Contraception 1
		Biology HT and FT	& 2 5.3.6 & 5.3.7
		Combined science	Infertility 5.3.9
		Biology HT and FT	
		Combined science	Thyroxine and
		Biology HT and FT	adrenalin 5.3.2
	Chemistry Atomic	Combined science	Metals 1.1.9
	Structure 2	Chemistry FT	
		Combined science	Noble gases and
		Chemistry FT	halogens 1.1.8

	Combined science Chemistry HT	Noble gases and halogens 1.1.9
	Chemistry HT	Transition metals
		1.1.11
Inheritance	Biology FT	DNA and protein
		synthesis 6.1.4
	Combined science	Genetic
	Biology FT	inheritance 1 &2,
		6.1.4 & 6.1.5
	Combined science	Inherited
	Biology FT	disorders 1& 2,
		6.1.6 & 6.1.7
	Combined science	Genetic
	Biology FT	engineering and
		pros and cons
		6.2.4 & 6.2.5
	Combined science	Evolution and
	Biology FT	Extinction 6.2.6 &
		6.2.7

<u>Term</u>	topics	Seneca Course	Course code and
			<u>title</u>
Summer 1	Chemistry Atomic	Chemistry HT	Atom size and
	Structure 1		number 1.1.5
		Chemistry HT	Periodic table
			1.1.6
		Chemistry HT	Isotopes 1.1.7
	Atmosphere	Chemistry HT	Greenhouse
			gases 9.1.3
		Chemistry HT	Sources of
			atmospheric
			pollutants 9.1.6
	Atomic Structure	Physics FT and HT	Atomic model
	Physics		4.1.1
		Physics FT and HT	Atomic Model 2,
			4.1.2
		Physics FT and HT	Atoms and Ions
			4.1.3

		Physics FT and HT	Isotopes 4.1.4
		Physics FT and HT	Radioactive
			decay 4.2.1
		Physics FT and HT	Types of
			radioactive decay
			4.2.2
		Physics FT and HT	Radioactive
			decay equations
			4.2.3
		Physics FT and HT	Half lives and
			ionising radiation
			4.2.4
		Physics FT	Uses of radiation
			4.2.5
		Physics FT	Dangers of
			radiation 4.2.6
		Physics HT	Uses and dangers
			of radiation 1&2,
			4.2.5 and 4.2.6
	Forces	Combined science	Mechanical work
		Physics HT and FT	1.1.4
		Combined science	Stopping
		Physics FT	distances 5.3.5
		Combined science	Stopping
		Physics HT	distances 5.3.7
		Combined science	Distance and
		Physics HT and FT	speed time
			graphs 5.1.4
		Physics HT	Momentum 5.3.3
	Using resources	Combined science	LCA 10.2.1
		Chemistry HT and FT	
		Combined science	Recycling 10.2.2
		Chemistry HT and FT	
	Waves		
	Quantitative	Combined science	Relative formula
	Chemistry	Chemistry HT and FT	Mass 3.1.1
		Combined science	Measuring mass
		Chemistry HT and FT	3.1.2
		Chemistry HT	Moles 3.1.4

Organic Chemistry	Combined science	Cracking and
,	Chemistry HT	alkenes 7.1.5
	Combined science	Alkenes and
	Chemistry HT and FT	reactions of
		alkenes 7.2.1 &
		7.2.2
	Chemistry HT	Alcohols and
		reactions of
		alcohols 7.2.4 &
		7.2.5
	Chemistry HT	Carboxylic acids
		and reactions of
		carboxylic acids
		7.2.6 & 7.2.7
Chemical analysis	Combined science	Identification of
	Chemistry HT and FT	common gases 1
		& 2, 8.2.1 & 8.2.2
	Chemistry HT	Flame tests and
		RP flame tests
		8.3.1 & 8.3.2
	Chemistry HT	Metal hydroxides
		8.3.3
	Chemistry HT	Carbonates,
		halides and
		sulfates 8.3.4
	Chemistry HT	EOTT 8.3.6
	Chemistry HT	Grade 9 Chem
		analysis 8.3.7

<u>Term</u>	topics	Seneca Course	Course code and
			<u>title</u>
Summer 2	Forces	Combined science	Mechanical work
		Physics HT and FT	1.1.4
		Combined science	Stopping
		Physics FT	distances 5.3.5
		Combined science	Stopping
		Physics HT	distances 5.3.7

		Combined science	Distance and
		Physics HT and FT	speed time
			graphs 5.1.4
		Physics HT	Momentum 5.3.3
	Infection and	Combined Science	Antibodies and
	response	Biology HT and FT	vaccination 3.1.5
		Combined Science	Antibiotics 3.1.6
		Biology HT and FT	
		Combined Science	Drug
		Biology HT and FT	development
			3.1.7
		Combined Science	Drug testing 3.1.8
		Biology HT and FT	
	Using resources	Combined science	LCA 10.2.1
		Chemistry HT and FT	
		Combined science	Recycling 10.2.2
		Chemistry HT and FT	
	Rates	Combined science	Catalysts 6.1.2
		Chemistry FT	
		Combined science	Reversible
		Chemistry FT	reactions and
			equilibrium 6.2.1
		Combined science	EOTT 6.2.2
		Chemistry FT	
		Combined science	EOTT 6.2.4
		Chemistry HT	
	Chemical change	Chemistry HT	Soluble salts
			4.3.2
		Combined science	Measuring pH
		Chemistry FT	and
			neutralisation
			4.3.4
		Combined science	The pH scale and
		Chemistry HT	neutralisation
			4.3.3 & 4.3.4
		Chemistry HT	Neutralisation
			and titrations
			4.3.5
	Magnetism		
l		I.	1

	Ecology	Combined Science	Communities
		Biology HT and FT	7.1.1
		Combined Science	Interdependence
		Biology HT and FT	and stability of
			ecosystems 7.1.2
	Electricity	Physics HT and FT	Static electricity
			2.5.1
		Physics HT and FT	Conductors
		Combined science	Current 2.1.1
		Physics FT and HT	
		Combined science	Circuit diagrams
		Physics FT	2.1.1
		Combined science	Potential
		Physics FT	difference 2.1.3
		Combined science	Ohm's Law 2.2.2
		Physics FT and HT	