Y10 CURRICULUM OVERVIEW

SUBJECT: GCSE Combined Science
BIOLOGY

	Topics being taught	What you will be assessed on	How you can support at home
Autumn Term	Immunity Circulatory system	Immunity and Circulatory Marked Tasks CAT on topics covered so far	Discuss which vaccinations students have been given Ensure student has access to Educake, and Seneca
OCTOBER 1/2 TERM	Exchange surfaces Respiration	Exchange surfaces and respiration marked tasks. .	Make and use flash cards for the units completed so far Set and complete an Educake test on units covered so far
Spring Term	**CHRISTMAS** Drug Development Enzymes and Digestion	Drug Development Enzymes and Digestion Marked tasks CAT on topics covered so far	Watch Drug trial goes terribly wrong : Emergency at the hospital Use Brainscape/flash cards to revise the units covered
	FEBRUARY 1/2 TERM Photosynthesis	Photosynthesis Marked tasks	Produce a flow diagram showing the links between gas exchange, respiration and photosynthesis Use electronic resources to revise topics identified in CATs
Summer Term	**EASTER** Transport in plants	Transport in plants Marked tasks	Create and follow a revision time table for end of year exams Use brainscape/flash cards to revise year 10 topics
	MAY 1/2 TERM Cell division Reproduction	Cell division and reproduction Marked tasks End of Year Exam on topics covering Year 10	Watch BBC Spring Watch Review CAT test and revise key topics

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Y10 CURRICULUM OVERVIEW

SUBJECT: GCSE COMBINED SCIENCE CHEMISTRY

	Topics being taught	What you will be assessed on	How you can support at home
Autumn Term	The periodic table Reactivity of metals	Marked tasks CAT tests	Setup access to Seneca learning. Use to review. Review topics on Senca
OCTOBER 1/2 TERM	Structure and bonding of carbon Amount of substance	Marked tasks CAT tests	Test recall of bonding Identify bonding in materials around home
CHRISTMAS	Conservation of mass. Amount of substance	Marked tasks CAT tests	Test recall of bonding Review calculations
Spring Term			
FEBRUARY 1/2 TERM	Reactions of acids Solutions	Marked tasks CAT tests	Construct flashcards Self set Educake tests on recent topics.
EASTER	Energy in reactions Electrolysis	Marked tasks CAT tests	Spot and discus everyday chemical reactions Test recall
Summer Term			
MAY 1/2 TERM	Earth's resources and water Lifecycle assessment and recycling	Marked tasks CAT tests	Visit a reservoir. Question journey of water to tap Discuss recycling at home

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Y10 CURRICULUM OVERVIEW

SUBJECT: GCSE Combined Science Physics

	Topics being taught	What you will be assessed on	How you can support at home
Autumn Term	The Particle Model Molecules and matter	The Particle model and molecules and matter Marked tasks	Research key scientists Make sure you can access Seneca, Educake.
OCTOBER 1/2 TERM	Electric Circuits	Electrical Circuits Marked tasks CAT on topics covered so far.	Flashcards on circuit symbols Use Isaac Physics
Spring Term	**CHRISTMAS** Electricity in the home	Electricity in the Home Marked tasks	Identify electrical devices around home Use Phet simulations
FEBRUARY 1/2 TERM	Radioactivity	Radioactivity marked tasks CAT on the topics covered so far.	Construct flashcards Practise calculations
Summer Term	**EASTER** Forces in balance	Force in Balance Marked tasks	Identify forces on objects in everyday life Test on flashcards
MAY 1/2 TERM	Waves	Waves Marked tasks End of Year Exam on topics covered so far.	Identify types of waves and examples Review CAT's from year with targets identified.

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