

Subject	Y	'ear	Term
Biology	12		1
	Т	opic	
Biological Molecules			
Content (Intent)			
Prior Learning (Topic) B2b	Organisation (Di	sease & Enzyme	es)
WaterATP			
Monomers and Polymers			
Condensation reactions			
Hydrolysis			
 Monosaccharides, disacch Debussesbarides including 			
 Polysaccharides including Testing for carbohydrates 			Benedict's reagent
 Lipids – triglycerides, pho 			-
Properties of lipids related		,	
• Testing for lipids – the em	ulsion test		
Future Learning (Topic) Ye Protein Synthesis; Species	ear 12: Proteins, E Diversity, Taxon	omy and Biodiv	- · · · · · · · · · · · · · · · · · · ·
Future Learning (Topic) Ye Protein Synthesis; Species Recognition & Immunity.	ear 12: Proteins, E Diversity, Taxon Year 13: Sensing a	omy and Biodiv & Responding to	
Future Learning (Topic) Ye Protein Synthesis; Species Recognition & Immunity. Photosynthesis; Respiratio	ear 12: Proteins, E Diversity, Taxon Year 13: Sensing a	omy and Biodiv & Responding to	ersity; Cell Structure; Cell o Change, External & Internal
Future Learning (Topic) Ye Protein Synthesis; Species Recognition & Immunity. Photosynthesis; Respiratio Expression	ear 12: Proteins, E Diversity, Taxon Year 13: Sensing on; Energy, Ecosy	omy and Biodiv & Responding to stems & Nutrier How will your	ersity; Cell Structure; Cell o Change, External & Internal nt Cycles; Mutations & Gene understanding be assessed &
Future Learning (Topic) Ye Protein Synthesis; Species Recognition & Immunity. Photosynthesis; Respiratio Expression How will knowledge and sl	ear 12: Proteins, E Diversity, Taxon Year 13: Sensing on; Energy, Ecosy	omy and Biodiv & Responding to stems & Nutrier	ersity; Cell Structure; Cell o Change, External & Internal nt Cycles; Mutations & Gene understanding be assessed &
Future Learning (Topic) Ye Protein Synthesis; Species Recognition & Immunity. Photosynthesis; Respiratio Expression How will knowledge and sl (Implementation)	ear 12: Proteins, E Diversity, Taxon Year 13: Sensing on; Energy, Ecosy	omy and Biodiv & Responding to stems & Nutrier How will your recorded (Imp	ersity; Cell Structure; Cell o Change, External & Interna nt Cycles; Mutations & Gene understanding be assessed &
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How can parents help at home?

Look at the topic specific resources on the VLE

Use appropriate youtube channels: cognito, freesciencelessons, Crash Course Biology. Encourage students to use the textbook issued.

Take an interest! Ask your children what they have learnt and be curious about their learning.

Helpful further reading/discussion			
Reading	Vocabulary Lists	Careers Links	
New Scientist	Hydrolysis, Condensation,	Biochemistry	
Biological Science Review	Glycosidic bond,	Biomedical science	
Magazine	Monosaccharide,	Biological sciences	
The Biologist Magazine –	Disaccharide,	Medicine	
Royal Society of Biology	Polysaccharide, Ester bond,	Veterinary medicine	
Royal Society of Biology blog	Glycerol, Fatty acid,	Bioveterinary science	
	Triglyceride, Phospholipid.	Nursing	
		Midwifery	
		Healthcare science	
		Zoology	
		Radiology	
		Ecology	