Remote Curriculum

Year 8 Science

Plymstock School
Achieving Excellence through Curriculum and Culture

How it Works:

1. Find the correct week commencing row.
2. Find today`s day.
3. Chose a 'Task' listed for that day – hold ctrl and click the chosen link.
    a. If you don't recognise the work, it appears too difficult or the link does not load;
        i. Try another task – look at the previous/next lesson or look at other days to find something familiar – You won't run out of work.
4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
5. Complete any starter quizzes
    a. Write your answer down
    b. Mark your answers and write down any corrections
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and go onto the next task or 'Extension Task'

Week	Week	Day	Title	Task	Extension Tasks
1	A	Monday	Organs	What are Organs and Why do we Need Them?	001 Animal Cells (Eukaryotes)
		Tuesday		How is Oxygen Transported Round the Body?	
		Wednesday	Reactions	041 The Model of the Atom	039 The Structure of the Atom
				056 Elements and Compounds	040 Describing Sub-Atomic Particles
		Thursday	Forces	042 What are Forces 1?	012 Conservation of Energy
		Friday		What are Forces 2?	Conservation of Energy
2	B	Monday	Organs	111 The Respiratory System	006 Specialised Animal Cells 1
		Tuesday		023 Respiratory System Structure	
		Wednesday	Reactions	057 Using Models to Represent Elements and Compounds	084 Atoms, Elements and Compounds
				058 The Periodic Table	060 Developing the Periodic Table 1
		Thursday	Forces	043 Measuring Forces 1	010 Systems, Energy and Work
		Friday		Measuring Forces 2	047 Work Done
3	A	Monday	Organs	112 Breathing and Gas Exchange	007 Specialised Animal Cells 2
		Tuesday		114 The Circulatory System	
		Wednesday	Reactions	059 Metals and Non-Metals	Metals and Non-Metals
				090 Group 1 and 091 Group 7	167 Metals
		Thursday	Forces	Contact Forces	197 Work Done
		Friday		Non-Contact Forces	Gears, Levers and Pulleys
4	B	Monday	Organs	41 Aerobic Respiration	Diffusion and Gas Exchange
		Tuesday		Nicotine and Alcohol	

		Wednesday	Reactions	100 Chemical Changes and Physical Changes Chemical Reactions	Why Elements React
		Thursday	Forces	107 Newton`s Laws 045 Newton`s First Law	119 Hooke`s Law
		Friday		046 Newton`s Second Law	202 Hooke`s Law 1
5	A	Monday	Organs	113 The Effects of Smoking	018 Circulatory System and Heart Structure
		Tuesday		024 Factors Effecting Health and Disease	
		Wednesday	Reactions	101 Understanding Chemical Reactions	130 Collision Theory
				168 Comparing Reactivity 1	129 Effect of Temperature on Reaction Rates
		Thursday	Forces	044 Newton`s Third Law	203 Hooke`s Law 2
		Friday		196 Resultant Forces	163 Elastic Energy
6	B	Monday	Organs	The Circulatory System and Exercise	The Effect of Exercise on the Muscles
		Tuesday		043 Effects of Exercise	
		Wednesday	Reactions	169 Comparing Reactivity 2	108 Reactions of Metals with Oxygen
				170 Displacement Reactions 1	109 Reactivity of Metals
		Thursday	Forces	200 Moments: Turning Forces 1	200 Elastic Potential Energy
		Friday		201 Moments: Turning Forces 2	
7	A	Monday	Organs	Key Elements of a Healthy Diet	021 Cardiovascular Disease
		Tuesday		025 Lifestyle and Health	
		Wednesday	Reactions	171 Displacement Reactions 2	092 Transition Elements
				102 Writing Chemical Word Equations	132 Catalysts
		Thursday	Forces	195 Gravity and Weight	164 Gravitational Potential Energy
		Friday		093 Gravity	162 Kinetic Energy
8	B	Monday	Organs	Diet and Lifestyle	013 Structure of the Digestive System
		Tuesday		013 Structure of the Digestive System	Diet and Lifestyle
		Wednesday	Reactions	214 Chemical Formulae	101 Balancing Equations
				215 Balancing Chemical Equations	
		Thursday	Forces	What are Magnets?	Floating
		Friday		061 Magnetism and Magnetic Materials	161 Energy Stores
9	A	Monday	Organs	How do Humans Digest Food?	014 Introduction to Enzymes
		Tuesday		014 Introduction to Enzymes	How do Humans Digest Food?
		Wednesday	Reactions	216 Practicing Balancing Chemical Equations	102 Molecular Mass
				217 Relative Atomic Mass and Relative Molecular Mass	103 Conservation of Mass and Moles
		Thursday	Forces	062 Magnetic Fields	Seeing a Magnetic Field
		Friday		063 Earth`s Magnetic Field and Compasses	
10	B	Monday	Organs	016 Digestive Enzymes	015 Amylase and pH
		Tuesday		015 Amylase and pH	016 Digestive Enzymes
		Wednesday	Reactions	110 Extracting Metals from Ores	87 Sub-Atomic Particles and Isotopes
				123 Endothermic and Exothermic	
		Thursday	Forces	How Does a Compass Work?	Uses of Magnetic Materials

		Friday		Uses of Magnetic Materials	How Does a Compass Work?