

# Monday Biology

DATE	YEAR 10	Teacher/Room	YEAR 11	Teacher/Room
24 <sup>th</sup> February	Blood cells and vessels	Mr O'Toole FD08	DNA Cell division Stem cells	Miss Banner FD07
2 <sup>nd</sup> March	The heart and double circulation	Mr Bodinger FD02	Inheritance, phenotypes, genotypes, genetic crosses	Miss Banner FD07
9 <sup>th</sup> March	Food tests and digestive enzyme production and function	Mr O'Toole FD08	Mutations/Variation. Wallace and Darwin	Miss Banner FD07
16 <sup>th</sup> March	Peristalsis, bile and gut model	Mr Bodinger FD02	Sense organs, reflex actions.	Miss Banner FD07
23 <sup>rd</sup> March	Balanced diet, implications of unbalanced diet	Mr O'Toole FD08	Homeostasis Negative feedback	Miss Banner FD07
30 <sup>th</sup> March	Photosynthesis and factors affecting. Measuring photosynthesis	Mr O'Toole FD08	MO's, pathogens and body defense	Miss Banner FD07

# Tuesday Physics

DATE	YEAR 10	Teacher/Room	YEAR 11	Teacher/Room
25 <sup>th</sup> February	<b>Insulating homes Reducing energy losses</b>	<b>Mrs Jones FD05</b>	<b>Newton's first law Balanced and unbalanced forces</b>	<b>Mr Bodinger FD02</b>
3 <sup>rd</sup> March	<b>Electricity bills AC/DC</b>	<b>Mrs Jones FD05</b>	<b>Newton's Second law Weight, mass and terminal speed</b>	<b>Miss Thomas FD03</b>
10 <sup>th</sup> March	<b>Circuit breakers, plugs and renewable energy costs</b>	<b>Mr Bodinger FD02</b>	<b>Terminal speed and Newton's third law</b>	<b>Miss Thomas FD03</b>
17 <sup>th</sup> March	<b>Waves, reflection and refraction and calculations</b>	<b>Mrs Jones FD05</b>	<b>Nucleon number, proton number and isotopes. Radioactive materials</b>	<b>Miss Thomas FD03</b>
24 <sup>th</sup> March	<b>EM spectrum</b>	<b>Mrs Jones FD05</b>	<b>Issues with radioactivity, measuring radioactivity, decay</b>	<b>Miss Thomas FD03</b>
31 <sup>st</sup> March	<b>Circuits and symbols</b>	<b>Mr Bodinger FD02</b>	<b>Radiation types Nuclear equations</b>	<b>Miss Thomas FD03</b>

# Wednesday Chemistry

DATE	YEAR 10	Teacher/Room	YEAR 11	Teacher/Room
26 <sup>th</sup> February	ECM Atoms Chemical symbols	Dr Wise FE06	Salts and titrations Calculations of concentration	Mrs MacKeen FE05
4 <sup>th</sup> March	Separation techniques Chemical reactions RAM RFM	Dr Wise FE06	Properties metals	Miss Thomas FD03
11 <sup>th</sup> March	Endo/exothermic Reaction calculations	Miss Banner FD07	Extraction of metals Reduction/oxidation	Mrs Mackeen FE05
18 <sup>th</sup> March	Water and sustainability	Dr Wise FE06	Electrolysis and electroplating	Miss Thomas FD03
25 <sup>th</sup> March	Water treatment and solubility	Dr Wise FE06	Hydrocarbons and fractional distillation	Mrs Mackeen FE05
1 <sup>st</sup> April	Rate of reaction theory	Miss Banner FD07	Cracking and polymerisation	Mrs Mackeen FE05