

With Only 7 weeks to go before your 1st Mock exam I have produced a revision timetable. Each Video link lasts no longer than 5 mins. The **GREEN HIGHLIGHTED** sections that appears at the bottom of each video as they are playing are important key points. You don't have to watch everything you can just pick out the bits you are uncertain of if you prefer. Remember your 1st mock is on Paper 1 Topics. The black shaded areas are rest days if you feel you need them.

week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
1		<p>Prokaryotes And Eukaryotes https://www.youtube.com/watch?v=Hbzcpzr5b2g&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=1</p> <p>Animal and Plant Cells https://www.youtube.com/watch?v=Guy0n7-Zfds&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=4</p> <p>https://www.youtube.com/watch?v=Eaoei2gxbrg&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=5</p> <p>Microscopy https://www.youtube.com/watch?v=Vbdvarywq1c&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=9</p> <p>Order of Magnitude https://www.youtube.com/watch?v=Kls6oogosiw&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=3</p> <p>Sizes Of Cells https://www.youtube.com/watch?v=2wvzv0t1ee4&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=2</p> <p>Required Practical 1: Use of Light Microscope to Observe Cells https://www.youtube.com/watch?v=Sx6mow1aexi</p>	<p>Atoms (also in P4) https://www.youtube.com/watch?v=dftq9xGXcf8&list=PL9iouNCPbCxXTU7zSX4lvJDLrtCEmqEMU&index=1</p> <p>Elements And Compounds and Mixtures https://www.youtube.com/watch?v=L3nexz9iryrc&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=1</p> <p>Interpreting Chemical Formulae https://www.youtube.com/watch?v=Dxy3svhnu4m&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=2</p> <p>Atomic Number and Mass Number (also in P4) https://www.youtube.com/watch?v=Jnmnyy2bx4g&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=9</p> <p>Development of The Atom (Link To Physics P4) Relative Atomic Mass https://www.youtube.com/watch?v=Mglryai_Ufe&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=10</p> <p>Alpha scattering and Nuclear model (also in P4) https://www.youtube.com/watch?v=0ASldDQmIQ&list=PL9iouNCPbCxXTU7zSX4lvJDLrtCEmqEMU&index=3</p> <p>Electronic Structure https://www.youtube.com/watch?v=Xk4nnpw9i8m&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=11</p>			<p>Cell Specialisation Animal Cell https://www.youtube.com/watch?v=Uzwt-Jx8lzy&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=6</p> <p>Plant Cell https://www.youtube.com/watch?v=Yvd9z3av1ew&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=7</p> <p>Cell Differentiation https://www.youtube.com/watch?v=LNlZ7mswPkQ</p> <p>Stem Cells https://www.youtube.com/watch?v=Kh27evjxvym&list=PL9iouncpbcxvu74eqtccqbaqdywmzanic&index=13</p>	<p>Kinetic Energy https://www.youtube.com/watch?v=zy9eWzmGe4&list=PL9iouNCPbCxWNjvqmwZ4vKy4VfcAhsCj&index=1</p> <p>Elastic Potential Energy https://www.youtube.com/watch?v=_9kX9PARc&list=PL9iouNCPbCxWNjvqmwZ4vKy4VfcAhsCj&index=2</p> <p>Gravitational Potential Energy https://www.youtube.com/watch?v=63QTldNb-TE&list=PL9iouNCPbCxWNjvqmwZ4vKy4VfcAhsCj&index=3</p>	<p>The Periodic Table https://www.youtube.com/watch?v=Uwzxfzocp_K&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=12</p> <p>Metals https://www.youtube.com/watch?v=Qlnxrhrhy&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=14</p> <p>Group 0 https://www.youtube.com/watch?v=Vhietiwyhs&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=13</p> <p>Group 1 https://www.youtube.com/watch?v=Arsl-2dwny&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=15</p> <p>https://www.youtube.com/watch?v=Qauwi0lggzy&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=16</p> <p>Group 7 part 1 https://www.youtube.com/watch?v=Knpthlim8t4&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=17</p> <p>Group 7 part 2 https://www.youtube.com/watch?v=FYa7qtpq7qv&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=18</p> <p>Group 7 part 3 https://www.youtube.com/watch?v=Wb9X1-Otbgu&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=19</p> <p>Properties Of Transition Metals (TRIPLE ONLY) https://www.youtube.com/watch?v=la2sIs5gkk&list=PL9iouNCPbCxULWXCO9it0PsuAbxYpw2_1&index=20</p>

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2	<p>Covalent Bonding part 1-3 https://www.youtube.com/watch?v=Lenvzecmc60&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=5</p> <p>https://www.youtube.com/watch?v=Lhem7aakidg&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=6</p> <p>https://www.youtube.com/watch?v=Lp3Rifq_Udm&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=7</p> <p>Giant Covalent Structures Diamond and Silicon Dioxide https://www.youtube.com/watch?v=Ge7pb9ap-Wc&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=9</p> <p>Graphite https://www.youtube.com/watch?v=Dezitwgzefu&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=10</p> <p>Graphene And Fullerenes https://www.youtube.com/watch?v=6cixhusi2m&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=11</p> <p>Metallic Bonding And Properties Of Metals And Alloys https://www.youtube.com/watch?v=A-WtpIpicd0&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=13</p>	<p>Specific Heat Capacity https://www.youtube.com/watch?v=Hs5x0-IU2F4&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=4</p> <p>Required Practical 1: Specific Heat Capacity https://www.youtube.com/watch?v=Loerlkneusc</p> <p>Specific Latent Heat https://www.youtube.com/watch?v=X7gz2dxf84&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_T7&index=6</p> <p>Energy Transfers Pendulum https://www.youtube.com/watch?v=Lbp01hgtbnc&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=5</p> <p>Energy Transfers Bungee Jumper https://www.youtube.com/watch?v=7zltnaunfts&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=6</p>	<p>Binary Fission (TRIPLE ONLY) https://www.youtube.com/watch?v=AzzlkpgqhmI&list=PL9IouNCPbCxv74e9tccqbaqdmwzanic&index=10</p> <p>Required Practical 2: Culturing Microorganisms (TRIPLE ONLY) https://www.youtube.com/watch?v=Si2dp5fndy</p>	<p>Separation Techniques- Filtration And Crystallisation https://www.youtube.com/watch?v=Ka6o5vcprf8&list=PL9IouNCPbCxULWXC09jt0PsuAbxYpw2_1&index=3</p> <p>Simple Distillation https://www.youtube.com/watch?v=Gimtfj2gps8&list=PL9IouNCPbCxULWXC09jt0PsuAbxYpw2_1&index=4</p> <p>Fractional Distillation https://www.youtube.com/watch?v=86WY2mV9jiU&list=PL9IouNCPbCxULWXC09jt0PsuAbxYpw2_1&index=5</p> <p>Chromatography https://www.youtube.com/watch?v=Hndjf_5ab9i&list=PL9IouNCPbCxULWXC09jt0PsuAbxYpw2_1&index=6</p>	<p>Chemical Bonds Ionic Bonding part 1 and 2 https://www.youtube.com/watch?v=Biq-E9hsbii&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=2</p> <p>https://www.youtube.com/watch?v=DZR0OLQC9w&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=3</p> <p>Ionic Compounds and Properties Of Ionic Compounds https://www.youtube.com/watch?v=Levxy7cjzmu&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=4</p> <p>Charges On Ions https://www.youtube.com/watch?v=V28_L3gteo&list=PL9IouNCPbCxUhxXfUBR4SNfwmaRB8mYX3&index=2</p> <p>Formula Of Ionic Compounds https://www.youtube.com/watch?v=Tv8cv2x0sd0&list=PL9IouNCPbCxUhxXfUBR4SNfwmaRB8mYX3&index=3</p> <p>Properties Of Small Molecules https://www.youtube.com/watch?v=Decgnvc-X_S&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=8</p>	<p>Chromosomes, Cell Cycle and Mitosis https://www.youtube.com/watch?v=I0vdeipwks&list=PL9IouNCPbCxVU74eQtCcqbaQdYmwzAnlC&index=12</p>	<p>Work done by a force 1 and 2 https://www.youtube.com/watch?v=JHEmPZ-YnrU&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=7</p> <p>Calculating Power https://www.youtube.com/watch?v=EDTODPhaaMY&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=8</p> <p>Efficiency https://www.youtube.com/watch?v=EDTODPhaaMY&list=PL9IouNCPbCxWNijvmqwZ4vKy4VfcAhsCj&index=8</p> <p>Required Practical 2: Thermal insulation (TRIPLE ONLY) https://www.youtube.com/watch?v=MUy1o4ogCvw</p>
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3	<p>Diffusion https://www.youtube.com/watch?v=C5pmigxbagk&list=PL9IouNCPbCxVU74eQtCcqbAQdYmwzAnlC&index=14 Osmosis https://www.youtube.com/watch?v=Qge2nhqt8by&list=PL9IouNCPbCxVU74eQtCcqbAQdYmwzAnlC&index=16 Required Practical 3: Investigate the Effect Of A Range of Concentrations Of Salt Solution on The Mass Of Plant Tissue https://www.youtube.com/watch?v=OiexyuqmXe Active Transport https://www.youtube.com/watch?v=Bxti5tbnor0&list=PL9IouNCPbCxVU74eQtCcqbAQdYmwzAnlC&index=18</p>	<p>The Three States of Matter https://www.youtube.com/watch?v=Ku0oTu8ZWgk&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=1 Polymers https://www.youtube.com/watch?v=Qwoxwcjz8j0&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=12 Nanoparticles and Uses Of Nanoparticles (TRIPLE ONLY) https://www.youtube.com/watch?v=6etx9yhjpi&list=PL9IouNCPbCxXmFgiKCM60SgIh-Qog_Vle&index=14</p>	<p>Energy from fossil fuels https://www.youtube.com/watch?v=1dJKvxhGEG&list=PL9IouNCPbCxWNjJvnmqWz4vKy4VfcAhsCj&index=13 Renewable energy https://www.youtube.com/watch?v=pqzvUur7QRw&list=PL9IouNCPbCxWNjJvnmqWz4vKy4VfcAhsCj&index=16 Nuclear power https://www.youtube.com/watch?v=ar3-Ps04AJI&list=PL9IouNCPbCxWNjJvnmqWz4vKy4VfcAhsCj&index=14 UK energy Mix https://www.youtube.com/watch?v=IA8USjDkcXk&list=PL9IouNCPbCxWNjJvnmqWz4vKy4VfcAhsCj&index=15 energy transfer by appliances https://www.youtube.com/watch?v=gj1tu8bTKjI&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=17 Calculating energy transfer by appliances https://www.youtube.com/watch?v=WLaUmNr4Iho&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=18 Power https://www.youtube.com/watch?v=LOVjdl41aCU&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=19</p>	<p>Heart and Circulation https://www.youtube.com/watch?v=Bpyakm2hvfY&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=7 Blood Vessels https://www.youtube.com/watch?v=Wx-Mrhlofmk&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=8 Blood https://www.youtube.com/watch?v=Nc_Kbfjhio&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=9 Coronary Heart Disease https://www.youtube.com/watch?v=5wsczesrhu&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=10 Lifestyle and Non-Communicable Disease https://www.youtube.com/watch?v=H6drsg_Kqjo&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=15 Risk Factors of Non- Communicable Disease https://www.youtube.com/watch?v=Ail-Ypz5cfy&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=14 Cancer https://www.youtube.com/watch?v=BLITE8uA4Tw&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=12 4.2.3.1 Plant Tissues https://www.youtube.com/watch?v=2BR1zdMBhY4&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=16 Transpiration and Translocation https://www.youtube.com/watch?v=9ytdoklrzs0&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8jghpcb&index=17</p>	<p>Conservation of Mass https://www.youtube.com/watch?v=K4pw-U6Xpc&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=1 Balancing Chemical Equations https://www.youtube.com/watch?v=VxcyZr6uets&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=4 Relative Formula Mass https://www.youtube.com/watch?v=Q49nwiriafw&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=5 Mass Changes When a Reactant or Product is a Gas https://www.youtube.com/watch?v=0Zjgp9u_Bce&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=6 Avagadros Constant https://www.youtube.com/watch?v=3y8ydlneurk&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=11 https://www.youtube.com/watch?v=L1vf1z8_OM&list=PL9IouNCPbCxUhxXFUBR45NfwmaRB8mYX3&index=12</p>
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4	<p>Calculating Moles of An Element https://www.youtube.com/watch?v=-Fnmvdwjk&list=PL9IouNCPbCxCxUhxX3&index=7 Calculating Moles of a Compound https://www.youtube.com/watch?v=Md4BQl91U6w&list=PL9IouNCPbCxCxUhxX3&index=8 Calculating Mass of the Number of Moles https://www.youtube.com/watch?v=Kmak1tq3vgu&list=PL9IouNCPbCxCxUhxX3&index=9 Using Moles to Balance Equations (HT) https://www.youtube.com/watch?v=4wtslbbbmo0&list=PL9IouNCPbCxCxUhxX3&index=10</p>	<p>Current in series https://www.youtube.com/watch?v=CEBfn4ndQWI&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=1 Current in parallel https://www.youtube.com/watch?v=JhBrAmQYr2g&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=2 potential difference in series https://www.youtube.com/watch?v=YAzyHRusO50&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=3 potential difference in parallel https://www.youtube.com/watch?v=UM1iyQvdGD8&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=4 Potential difference from batteries https://www.youtube.com/watch?v=4ZjzbatP-tY&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=5 charge in circuits https://www.youtube.com/watch?v=ts7WumFAaSg&list=PL9IouNCPbCxCx2NQoIZN7-3jIKN7vW-Sq&index=6 Required Practical 4: current and PD characteristics https://www.youtube.com/watch?v=ksPzfUjMbBk</p>	<p>Digestive System https://www.youtube.com/watch?v=4ui4oshhnza&list=PL9IouNCPbCxCxGDt3ATU1xM_X_F8jghpcb&index=1 Digestive Enzymes https://www.youtube.com/watch?v=VLK2wANjQm0&list=PL9IouNCPbCxCxGDt3ATU1xM_X_F8jghpcb&index=2 Absorption in The Small Intestine https://www.youtube.com/watch?v=5VW5-Vxlwic&list=PL9IouNCPbCxCxGDt3ATU1xM_X_F8jghpcb&index=6 Required Practical 4: Use Qualitative Reagents to Test For A Range Of Carbohydrates, Lipids And Proteins https://www.youtube.com/watch?v=Akmlgbna0ge</p>		<p>Calculating Reacting Masses part 1 and 2 https://www.youtube.com/watch?v=TV6n5MFH6IU&list=PL9IouNCPbCxCxUhxX3&index=14 https://www.youtube.com/watch?v=5zopoen0dv0&list=PL9IouNCPbCxCxUhxX3&index=14</p>	<p>Effect Of Temperature And Ph On Enzyme Activity https://www.youtube.com/watch?v=Rfvh4LisEEM&list=PL9IouNCPbCxCxGDt3ATU1xM_X_F8jghpcb&index=3 Required Practical 5: Effect of pH On Amylase https://www.youtube.com/watch?v=8Yqbu56imXk</p>	<p>Limiting Reactants https://www.youtube.com/watch?v=Muzomfhe8o&list=PL9IouNCPbCxCxUhxX3&index=15 Concentration of Solutions https://www.youtube.com/watch?v=g3kqiyozdi&list=PL9IouNCPbCxCxUhxX3&index=16 Percentage Yield https://www.youtube.com/watch?v=9EV0Oq8g708&list=PL9IouNCPbCxCxUhxX3&index=17 https://www.youtube.com/watch?v=A3ndfwx5lyi&list=PL9IouNCPbCxCxUhxX3&index=18 Atom Economy (TRIPLE ONLY) https://www.youtube.com/watch?v=H1-Vi6eh-Mm&list=PL9IouNCPbCxCxUhxX3&index=19</p>
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5	<p>Reaction of Metals With Oxygen https://www.youtube.com/watch?v=Lk1V0buHEFs&list=PL9IouNCPbCxXDlRtCQEG0cGehBvj7t9Pf&index=1</p> <p>Reactivity Series https://www.youtube.com/watch?v=Mdqr5qfvgk&list=PL9IouNCPbCxXDlRtCQEG0cGehBvj7t9Pf&index=2</p> <p>Extraction of Metals https://www.youtube.com/watch?v=Mxtsels6e2y&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=3</p> <p>Oxidation and Reduction in Terms of Electrons https://www.youtube.com/watch?v=GnbutI2arjI&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=4</p>		<p>Communicable Disease and Non- Communicable Disease https://www.youtube.com/watch?v=Qywnxp36o48&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=1</p> <p>Pathogens https://www.youtube.com/watch?v=Wum71fpuvqc&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=2</p> <p>Viral Disease https://www.youtube.com/watch?v=K5zfxfbmc1m&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=3</p> <p>Bacterial Disease https://www.youtube.com/watch?v=Ri-Kex_Ji8o&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=4</p> <p>Fungal Disease and Protist Disease https://www.youtube.com/watch?v=Agwp3xbk0oy&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=5</p>	<p>Calculating energy transfer by components https://www.youtube.com/watch?v=WAMyh1zVtyU&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=7</p> <p>Resistance https://www.youtube.com/watch?v=cx9xLwa7Gco&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=8</p> <p>Resistors https://www.youtube.com/watch?v=2CA1mcYw3lQ&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=9</p> <p>Resistance in a filament lamp https://www.youtube.com/watch?v=WzSh6yqkn9l&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=10</p> <p>Resistance in series and parallel https://www.youtube.com/watch?v=vJRXozSVTI8&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=12</p> <p>Resistance required Practical 3: Resistance https://www.youtube.com/watch?v=m_3JrA-sDEg</p>	<p>Using Concentrations of Solutions in Mol/Dm³ (Chemistry Only) (HT Only) https://www.youtube.com/watch?v=z93_Atemxni&list=PL9IouNCPbCxUhxXfUBR4SNfwmRB8mYX3&index=21</p> <p>Use of Amount of Substance In Relation to Volumes of Gases (TRIPLE ONLY) https://www.youtube.com/watch?v=Tye-1nywfs&list=PL9IouNCPbCxUhxXfUBR4SNfwmRB8mYX3&index=22</p> <p>https://www.youtube.com/watch?v=Ozutti0syd0&list=PL9IouNCPbCxUhxXfUBR4SNfwmRB8mYX3&index=23</p>	<p>Defence Systems https://www.youtube.com/watch?v=5x9mklvlhw&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=6</p> <p>Immune System https://www.youtube.com/watch?v=Hsrrpdjdxm&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=7</p> <p>Vaccination https://www.youtube.com/watch?v=Upezbhjvnu&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=9</p> <p>Antibiotics and Painkillers https://www.youtube.com/watch?v=Uqt5brikd4g&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=10</p> <p>Discovery and Development Of Drugs https://www.youtube.com/watch?v=0isuyv3a9l0&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=11</p> <p>Monoclonal Antibodies https://www.youtube.com/watch?v=Cgnvdb3qnw4&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=12</p> <p>Uses of Monoclonal Antibodies https://www.youtube.com/watch?v=Bgde7orTxD8&list=PL9IouNCPbCxVQPNggka5bSs-lwe3l6od8&index=13</p>	<p>AC and DC current https://www.youtube.com/watch?v=MEvo2rQFIWk&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=20</p> <p>Mains electricity https://www.youtube.com/watch?v=fbu3o9wavHk&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=21</p> <p>National Grid https://www.youtube.com/watch?v=iNvGiTn64fQ&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=22</p> <p>Static electricity (TRIPLE ONLY) https://www.youtube.com/watch?v=5o_bbfXg_MH4&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=23</p> <p>Electric fields (TRIPLE ONLY) https://www.youtube.com/watch?v=rPbx_XrrKLQ&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq&index=24</p>
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6	<p>Acids and Alkali part 1 and 2 https://www.youtube.com/watch?v=Zwztdiwowij&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=5 Acids Reacting with Metals https://www.youtube.com/watch?v=Ofw6ohsygfi&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=6</p> <p>https://www.youtube.com/watch?v=la4mk3ctkmi&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=7 Reactions of Acids https://www.youtube.com/watch?v=la4mk3ctkmi&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=7 Required Practical 2 : Making Soluble Salts https://www.youtube.com/watch?v=Qiomlwboe4</p>	<p>Plant Diseases part 1 and 2 (TRIPLE ONLY) https://www.youtube.com/watch?v=Vhns8hutu44&list=PL9IouNCPbCxVQPNggka5bSs-Iwe3l6od8&index=8 https://www.youtube.com/watch?v=02Mx7s8gllig&list=PL9IouNCPbCxVQPNggka5bSs-Iwe3l6od8&index=14 Plant Defences (TRIPLE ONLY) https://www.youtube.com/watch?v=Zl8jow8qzns&list=PL9IouNCPbCxVQPNggka5bSs-Iwe3l6od8&index=15</p>	<p>Diodes and LEDs https://www.youtube.com/watch?v=TK_OltwbxZE&list=PL9IouNCPbCxXc2NQoIzN7-3jIKN7vW-Sq&index=11 LDR https://www.youtube.com/watch?v=bb7sRILKcvg&list=PL9IouNCPbCxXc2NQoIzN7-3jIKN7vW-Sq&index=13 Thermistor https://www.youtube.com/watch?v=bjt4CrRL8yM&list=PL9IouNCPbCxXc2NQoIzN7-3jIKN7vW-Sq&index=14</p>		<p>Photosynthesis https://www.youtube.com/watch?v=Raigns_Ktk4&list=PL9IouNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz&index=1 Limiting Factors of Photosynthesis https://www.youtube.com/watch?v=Kx7aecx_6xq&list=PL9IouNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz&index=4 Uses of Glucose https://www.youtube.com/watch?v=Q5rsuwmdcxy&list=PL9IouNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz&index=2</p>	<p>Density https://www.youtube.com/watch?v=EZmXVOSa20&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=1 Required Practical 5: Density https://www.youtube.com/watch?v=lvqu6JAbaKc Internal energy https://www.youtube.com/watch?v=5WVT5NR0iLA&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=3</p>	<p>Strong And Weak Acids https://www.youtube.com/watch?v=4pihhxfgzle&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=10 Titration part 1 and 2 (TRIPLE ONLY) https://www.youtube.com/watch?v=X8dllcnmkas&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=12 https://www.youtube.com/watch?v=Ycc4okterju&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&index=13 Required Practical 2: (TRIPLE ONLY) https://www.youtube.com/watch?v=n3rx3g1vpk</p>
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7	<p>Radioactivity https://www.youtube.com/watch?v=F_Y1-JieCrg&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=4 properties of Alpha, Beta and Gamma https://www.youtube.com/watch?v=nWOS1C6wVrg&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=5 Nuclear Equations https://www.youtube.com/watch?v=xpSBhUpBXic&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=6 Half -life https://www.youtube.com/watch?v=wj9BzGFao8k&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=7</p>	<p>Electrolysis https://www.youtube.com/watch?v=Ahrtil6xiba&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&Index=14 Electrolysis Of Aluminium Oxide https://www.youtube.com/watch?v=Ycymelbezay&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&Index=15 Electrolysis of Aqueous Solutions part 1 and 2 https://www.youtube.com/watch?v=6wjcvI4roA&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&Index=16 https://www.youtube.com/watch?v=Ml7mkqvlpso&list=PL9IouNCPbCxXDIRtCQEG0cGehBvj7t9Pf&Index=17 Required Practical: Electrolysis https://www.youtube.com/watch?v=Tche_7aeruc</p>	<p>Heating and Cooling Graphs https://www.youtube.com/watch?v=x7GZ2DXef84&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=6 Particle Motion in Gases https://www.youtube.com/watch?v=hKO3DpgilSk&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=7 Pressure in Gases (TRIPLE ONLY) https://www.youtube.com/watch?v=RuoqgmNiMEo&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=8 Work done on a Gas (TRIPLE ONLY) https://www.youtube.com/watch?v=m19-8Vtewkw&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7&index=9</p>	<p>Exothermic and Endothermic Reactions https://www.youtube.com/watch?v=4HS6D0hTzdg&list=PL9IouNCPbCxX74bPzf0TGvVmyGYgMarWu&index=1 Bond Energy Calculation part 1 and 2 https://www.youtube.com/watch?v=Eexcbkp4jb4&list=PL9IouNCPbCxX74bPzf0TGvVmyGYgMarWu&index=2 https://www.youtube.com/watch?v=Pdvalxavuoc&list=PL9IouNCPbCxX74bPzf0TGvVmyGYgMarWu&index=3 Required Practical 4: Temperature Changes https://www.youtube.com/watch?v=Tkxcqvz2vh8 Cells and Batteries (TRIPLE ONLY) https://www.youtube.com/watch?v=Riikublfbj&list=PL9IouNCPbCxX74bPzf0TGvVmyGYgMarWu&index=5 Fuel Cells (TRIPLE ONLY) https://www.youtube.com/watch?v=Ijgmudzkdki&list=PL9IouNCPbCxX74bPzf0TGvVmyGYgMarWu&index=6</p>		<p>Irradiation and Contamination https://www.youtube.com/watch?v=teGu0VAPiOo&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=8 Background Radiation (TRIPLE ONLY) https://www.youtube.com/watch?v=Z7394DMkfQs&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=9 Nuclear radiation and Medicine (TRIPLE ONLY) https://www.youtube.com/watch?v=JeyvYRjSuk&list=PL9IouNCPbCxXTU7zSX4IvJDLrtCEmqEMU&index=10 Nuclear Fission and Fusion (TRIPLE ONLY) https://www.youtube.com/watch?v=onkw8bf5i3q&list=pl9Iouncpbccxtu7zSX4IvJDLrtcemqemu&index=11</p>	<p>Aerobic and Anaerobic Respiration https://www.youtube.com/watch?v=Zkaadbt6dc&list=PL9IouNCPbCxXVpEqkFRN5Jg8ZZTBBRWUz&Index=5 Response to Exercise https://www.youtube.com/watch?v=Xo2Xlimnlum&list=PL9IouNCPbCxXVpEqkFRN5Jg8ZZTBBRWUz&Index=6 Metabolism https://www.youtube.com/watch?v=Zzqqui2dpmw&list=PL9IouNCPbCxXVpEqkFRN5Jg8ZZTBBRWUz&Index=7</p>
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