

# Higher Additional Science GCSE 2017 Revision Timetable *Use your exercise books too!* Name \_\_\_\_\_

| Date.<br>Module and<br>Page number                                     | Sunday 29 <sup>th</sup><br>January  | Monday 30 <sup>th</sup><br>January  | Tuesday 31 <sup>st</sup><br>January   | Wednesday 1 <sup>st</sup><br>February                                | Thursday 2 <sup>nd</sup><br>February   | Friday 3 <sup>rd</sup><br>February                                   | Saturday 4 <sup>th</sup><br>February  |
|--|---|---|---|--|--|--|---|
| Sun 29 <sup>th</sup><br>January-<br>Sat 4 <sup>th</sup><br>February    | Prepare your<br>work.<br>Revision<br>guide<br>Exercise<br>books, note<br>pad etc. | B4<br><b>THE<br/>PROCESSES<br/>OF LIFE</b><br>Cell Structure<br>and Function<br>Pg.9                | B4<br>Enzymes.<br>Aerobic<br>Respiration.<br><br>Pgs. 10-11                         | B4<br>Anaerobic<br>Respiration.<br>Photosynthesis.<br><br>Pgs. 12-13 | B4<br>Rate of<br>Photosynthesis.<br>Investigating<br>Photosynthesis.<br>Pgs. 14-15 | B4<br>Diffusion,<br>Osmosis and<br>Active<br>Transport.<br>Pg. 16    | B4<br>Revision<br>Summary for<br>B4<br><br>Pg. 17   |
| Tick when<br>completed   |   |   |   |  |  |  |   |
|  | Sunday 5 <sup>th</sup><br>February  | Monday 6 <sup>th</sup><br>February  | Tuesday 7 <sup>th</sup><br>February   | Wednesday 8 <sup>th</sup><br>February                                | Thursday 9 <sup>th</sup><br>February   | Friday 10 <sup>th</sup><br>February                                  | Saturday 11 <sup>th</sup><br>February   |
| Sun 5 <sup>th</sup><br>February -<br>Sat 11 <sup>th</sup><br>February  |   | B5<br><b>GROWTH AND<br/>DEVELOPMENT</b><br><br>DNA-Making<br>Proteins<br>Pg. 18                     | B5<br>Cell Division-<br>Mitosis.<br>Cell Division-<br>Meiosis.<br>Pgs. 19-20        | B5<br>Animal<br>Development<br><br>Pg. 21                            | B5<br>Plant<br>Development.<br>Phototropism<br>and Auxins.<br>Pgs. 22-23           | B5<br>Revision<br>Summary for<br>Module B5<br><br>Pg. 24             | B6<br><b>BRAIN AND<br/>MIND</b><br>The Nervous<br>System<br>Pg.25                         |
| Tick when<br>completed   |   |   |   |  |  |  |   |
|  | Sunday<br>12 <sup>th</sup> February   | Monday<br>13 <sup>th</sup> February   | Tuesday<br>14 <sup>th</sup> February  | Wednesday<br>15 <sup>th</sup> February                               | Thursday<br>16 <sup>th</sup> February  | Friday<br>17 <sup>th</sup> February                                  | Saturday<br>18 <sup>th</sup> February   |
| Sun 12 <sup>th</sup><br>February -<br>Sat 18 <sup>th</sup><br>February | B6<br>Neurons and<br>Synapses.<br>Reflexes.<br><br>Pgs. 26-27                     | B6<br>Modifying and<br>Learning<br>Reflexes.<br>Brain<br>Development<br>and Learning.<br>Pgs. 28-29 | B6<br>Learning skills<br>and Behaviour.<br>Studying the<br>Brain.<br><br>Pgs. 30-31 | B6<br>Revision<br>Summary for B6<br><br>Pg. 32                       | C4<br><b>CHEMICAL<br/>PATTERNS</b><br><br>Atoms<br><br>Pg. 33                      | C4<br>Chemical<br>Equations.<br>Line<br>Spectrums.<br><br>Pgs. 34-35 | C4<br>History of the<br>Periodic Table.<br>The Modern<br>Periodic Table<br><br>Pgs. 36-37 |
| Tick when<br>completed   |   |   |   |  |  |  |   |

| Date.<br>Module and<br>Page number                                     | Sunday<br>19 <sup>th</sup> February  | Monday<br>20 <sup>th</sup> February   | Tuesday<br>21 <sup>st</sup> February  | Wednesday<br>22 <sup>nd</sup> February  | Thursday<br>23 <sup>rd</sup> February  | Friday<br>24 <sup>th</sup> February  | Saturday<br>25 <sup>th</sup> February  |
|--|--|---|---|---|--|--|--|
| Sun 19 <sup>th</sup><br>February -<br>Sat 25 <sup>th</sup><br>February | C4<br>Electron<br>Shells.<br>Ionic<br>Bonding.<br><br>Pgs. 38-39   | C4<br>Ions and<br>Formulas.<br>Group 1 – The<br>Alkali Metals<br><br>Pgs. 40-41 | C4<br>Group 7 –<br>The Halogens.<br>Lab Safety.<br><br>Pgs. 42-43                 | C4<br>Revision<br>Summary<br><br>Pg. 44   | C5<br><b>CHEMICALS OF<br/>THE NATURAL<br/>ENVIRONMENT</b><br><br>Chemicals in the<br>Atmosphere.<br>Pg. 45 | C5<br>Covalent<br>Bonding.<br>Chemicals in the<br>Hydrosphere.<br><br>Pgs. 46-47 | C5<br>Identifying<br>Positive Ions.<br>Identifying<br>Negative Ions.<br><br>Pgs. 48-49     |
| Tick when<br>completed   |  |   |   |   |  |  |  |
|  | Sunday<br>26 <sup>th</sup> February  | Monday<br>27 <sup>th</sup> February   | Tuesday<br>28 <sup>th</sup> February  | Wednesday<br>1 <sup>st</sup> March  | Thursday<br>2 <sup>nd</sup> March  | Friday<br>3 <sup>rd</sup> March  | Saturday<br>4 <sup>th</sup> March  |
| Sun 26 <sup>th</sup><br>February -<br>Sat 4 <sup>th</sup><br>March     | C5<br>Chemicals<br>in the<br>Lithosphere.<br>Metals from<br>Minerals.<br>Pgs. 50-51                      | C5<br>Electrolysis.<br>Calculating<br>Masses.<br><br>Pgs. 52-53                 | C5<br>Metals.<br>Environmental<br>Impact.<br><br>Pgs. 54-55                       | C5<br>Revision<br>Summary for<br>C5<br><br>Pg.56                                  | C6<br><b>CHEMICAL<br/>SYNTHESIS</b><br>Industrial<br>Chemical<br>Synthesis<br>Pg. 57                       | C6<br>Acids and<br>Alkalis.<br>Acids Reacting<br>with Metals<br>Pgs. 58-59       | C6<br>Oxides,<br>Hydroxides and<br>Carbonates.<br>Synthesising<br>Compounds.<br>Pgs. 60-61 |
| Tick when<br>completed   |  |   |   |   |  |  |  |
|  | Sunday<br>5 <sup>th</sup> March  | Monday<br>6 <sup>th</sup> March   | Tuesday<br>7 <sup>th</sup> March  | Wednesday<br>8 <sup>th</sup> March  | Thursday<br>9 <sup>th</sup> March  | Friday<br>10 <sup>th</sup> March   | Saturday<br>11 <sup>th</sup> March   |
| Sun 5 <sup>th</sup><br>March -<br>Sat 11 <sup>th</sup><br>March        | C6<br>Calculating<br>Masses in<br>Reactions.<br>Purification<br>and<br>Measuring<br>Yield.<br>Pgs. 62-63 | C6<br>Titrations.<br>Purity.<br><br>Pgs. 64-65                                  | C6<br>Energy Transfer<br>in Reactions.<br>Rates of<br>Reaction.<br><br>Pgs. 66-67 | C6<br>Collision<br>Theory.<br>Measuring<br>Rates of<br>Reaction.<br><br>Pgs.68-69 | C6<br>Revision<br>Summary for C6<br><br>Pg.70  | P4<br><b>EXPLAINING<br/>MOTION</b><br><br>Speed<br><br>Pg.71                     | P4<br>Speed, Distance<br>and Velocity.<br>Acceleration and<br>Velocity.<br><br>Pgs. 72-73  |
| Tick when<br>completed   |  |   |   |   |  |  |  |

| Date.<br>Module &<br>Page number                                 | Sunday<br>12 <sup>th</sup> March  | Monday<br>13 <sup>th</sup> March   | Tuesday<br>14 <sup>th</sup> March                               | Wednesday<br>15 <sup>th</sup> March                      | Thursday<br>16 <sup>th</sup> March                                    | Friday<br>17 <sup>th</sup> March  | Saturday<br>18 <sup>th</sup> March  |
|--|---|--|---|--|---|---|---|
| Sun 12 <sup>th</sup><br>March -<br>Sat 18 <sup>th</sup><br>March | P4<br>Forces and<br>Friction.<br>Forces.<br><br>Pgs. 74-75                    | P4<br>Forces and<br>Momentum.<br>Change in<br>Momentum and<br>Force.<br>Pgs. 76-77 | P4<br>Work.<br>Kinetic Energy.<br><br>Pgs. 78-79                | P4<br>Gravitational<br>Potential<br>Energy.<br><br>Pg.80 | P4<br>Revision<br>Summary P4<br><br>Pg.81                             | P5<br><b>ELECTRIC<br/>CIRCUITS</b><br>Static Electricity.<br>Electric Current.<br><br>Pgs.82-83 | P5<br>Electric Circuits.<br>Resistance.<br><br>Pgs. 84-85                                 |
| Tick when<br>completed   |   |  |   |  |   |   |   |
|  | Sunday<br>19 <sup>th</sup> March  | Monday<br>20 <sup>th</sup> March   | Tuesday<br>21 <sup>st</sup> March                               | Wednesday<br>22 <sup>nd</sup> March                      | Thursday<br>23 <sup>rd</sup> March                                    | Friday<br>24 <sup>th</sup> March  | Saturday<br>25 <sup>th</sup> March  |
| Sun 19 <sup>th</sup><br>March -<br>Sat 25 <sup>th</sup><br>March | P5<br>Series<br>Circuits.<br>Parallel<br>Circuits.<br>Pgs.86-87               | P5<br>Mains<br>Electricity.<br>Transformers.<br><br>Pg.88-89                       | P5<br>Magnetic<br>Fields.<br>The Motor<br>Effect.<br>Pgs. 90-91 | P5<br>Revision<br>Summary for<br>P5<br><br>Pg. 92        | P6<br><b>RADIOACTIVE<br/>MATERIALS</b><br><br>Radioactivity<br>Pg. 93 | P6<br>Radiation.<br>Half Life'<br><br>Pgs. 94-95  | P6<br>The Atom and<br>Nuclear Fusion.<br>Nuclear Fission<br>& Nuclear Power<br>Pgs. 96-97 |
| Tick when<br>completed   |   |  |   |  |   |   |   |
|  | Sunday<br>26 <sup>th</sup> March  | Monday<br>27 <sup>th</sup> March   | Tuesday<br>28 <sup>th</sup> March                               | Wednesday<br>29 <sup>th</sup> March                      | Thursday<br>30 <sup>th</sup> March                                    | Friday<br>31 <sup>st</sup> March  | Saturday<br>1 <sup>st</sup> April   |
| Sun 26 <sup>th</sup><br>March -<br>Sat 1 <sup>st</sup><br>April  | P6<br>Danger from<br>Radiation.<br>Using Ionising<br>Radiation.<br>Pgs. 98-99 | P6<br>Revision<br>Summary<br>Pg. 100   | Go back to B4<br>Pgs. 9-13                                      | B4<br>Pgs. 14-17   | Go back to B5<br>Pgs. 18-21   | B5<br>Pgs. 22-24  | Go back to B6<br>Pgs. 25-28   |
| Tick when<br>completed   |   |  |   |  |   |   |   |

|  | Sunday<br>2 <sup>nd</sup> April  | Monday<br>3 <sup>rd</sup> April  | Tuesday<br>4 <sup>th</sup> April  | Wednesday<br>5 <sup>th</sup> April  | Thursday<br>6 <sup>th</sup> April  | Friday<br>7 <sup>th</sup> April  | Saturday<br>8 <sup>th</sup> April  |
|--|----------------------------------|----------------------------------|-----------------------------------|-------------------------------------|------------------------------------|----------------------------------|------------------------------------|
| Sun 2 <sup>nd</sup> April<br>Sat 8 <sup>th</sup> April           | B6<br>Pgs. 29-32                 | Go back to C4<br>Pgs. 33-36      | C4<br>Pgs. 37-40                  | C4<br>Pgs. 41-44                    | Go back to C5<br>Pgs. 45-48        | C5<br>Pgs. 49-52                 | C5<br>Pgs. 53- 56                  |
| Tick when<br>completed   |                                  |                                  |                                   |                                     |                                    |                                  |                                    |
|  | Sunday<br>9 <sup>th</sup> April  | Monday<br>10 <sup>th</sup> April | Tuesday<br>11 <sup>th</sup> April | Wednesday<br>12 <sup>th</sup> April | Thursday<br>13 <sup>th</sup> April | Friday<br>14 <sup>th</sup> April | Saturday<br>15 <sup>th</sup> April |
| Sun 9 <sup>th</sup> April<br>Sat 15 <sup>th</sup><br>April       | Go back to C6<br>Pgs. 57-61      | C6<br>Pgs. 62- 66                | C6<br>Pgs. 67-70                  | Go back to P4<br>Pgs. 71-74         | P4<br>Pgs. 75-78                   | P4<br>Pgs. 79-81                 | Go back to<br>P5<br>Pgs. 82- 85    |
| Tick when<br>completed   |                                  |                                  |                                   |                                     |                                    |                                  |                                    |
|  | Sunday<br>16 <sup>th</sup> April | Monday<br>17 <sup>th</sup> April | Tuesday<br>18 <sup>th</sup> April | Wednesday<br>19 <sup>th</sup> April | Thursday<br>20 <sup>th</sup> April | Friday<br>21 <sup>st</sup> April | Saturday<br>22 <sup>nd</sup> April |
| Sun 16 <sup>th</sup><br>April -<br>Sat 22 <sup>nd</sup><br>April | P5<br>Pgs. 86-89                 | P5<br>Pgs. 90-92                 | Go back to P6<br>Pgs. 93-96       | P6<br>Pgs. 97-100                   | B4<br>Pgs. 9-13                    | B4<br>Pgs. 14-17                 | B5<br>Pgs. 18-21                   |
| Tick when<br>completed   |                                  |                                  |                                   |                                     |                                    |                                  |                                    |

| <b>Date.<br/>Module and<br/>Page number</b>                    | <b>Sunday<br/>23<sup>rd</sup> April</b> | <b>Monday<br/>24<sup>th</sup> April</b> | <b>Tuesday<br/>25<sup>th</sup> April</b> | <b>Wednesday<br/>26<sup>th</sup> April</b> | <b>Thursday<br/>27<sup>th</sup> April</b> | <b>Friday<br/>28<sup>th</sup> April</b> | <b>Saturday<br/>29<sup>th</sup> April</b> |
|--|---|---|--|--|---|---|---|
| <b>Sun 23<sup>rd</sup> April<br/>Sat 29<sup>th</sup> April</b> | <b>B5<br/>Pgs. 22-24</b>                | <b>B6<br/>Pgs. 25-28</b>                | <b>B6<br/>Pgs. 29-32</b>                 | <b>C4<br/>Pgs. 33-36</b>                   | <b>C4<br/>Pgs. 37- 40</b>                 | <b>C4<br/>Pgs. 41- 44</b>               | <b>C5<br/>Pgs. 45 - 48</b>                |
| <b>Tick when<br/>completed</b>                                 |   |   |  |  |   |   |   |
|  | <b>Sunday<br/>30<sup>th</sup> April</b> | <b>Monday<br/>1<sup>st</sup> May</b>    | <b>Tuesday<br/>2<sup>nd</sup> May</b>    | <b>Wednesday<br/>3<sup>rd</sup> May</b>    | <b>Thursday<br/>4<sup>th</sup> May</b>    | <b>Friday<br/>5<sup>th</sup> May</b>    | <b>Saturday<br/>6<sup>th</sup> May</b>    |
| <b>Sun 30<sup>th</sup> April<br/>Sat 6<sup>th</sup> May</b>    | <b>C5<br/>Pgs. 49 – 52</b>              | <b>C5<br/>Pgs. 53- 56</b>               | <b>C6<br/>Pgs. 57- 61</b>                | <b>C6<br/>Pgs. 62 – 66</b>                 | <b>C6<br/>Pgs. 67 – 70</b>                | <b>P4<br/>Pgs. 71- 74</b>               | <b>P4<br/>Pgs. 75 – 78</b>                |
| <b>Tick when<br/>completed</b>                                 |   |   |  |  |   |   |   |
|  | <b>Sunday<br/>7<sup>th</sup> May</b>    | <b>Monday<br/>8<sup>th</sup> May</b>    | <b>Tuesday<br/>9<sup>th</sup> May</b>    | <b>Wednesday<br/>10<sup>th</sup> May</b>   | <b>Thursday<br/>11<sup>th</sup> May</b>   | <b>Friday<br/>12<sup>th</sup> May</b>   | <b>Saturday<br/>13<sup>th</sup> May</b>   |
| <b>Sun 7<sup>th</sup> May<br/>Sat 13<sup>th</sup> May</b>      | <b>P4<br/>Pgs. 79 - 81</b>              | <b>P5<br/>Pgs. 82 - 85</b>              | <b>P5<br/>Pgs. 86 - 89</b>               | <b>P5<br/>Pgs. 90 – 92</b>                 | <b>P6<br/>Pgs. 93 - 95</b>                | <b>P6<br/>Pgs. 96 – 98</b>              | <b>P6<br/>Pgs. 99 – 100</b>               |
| <b>Tick when<br/>completed</b>                                 |   |   |  |  |   |   |   |

| Date.<br>Module and<br>Page number                   | Sunday<br>14 <sup>th</sup> May              | Monday<br>15 <sup>th</sup> May              | Tuesday<br>16 <sup>th</sup> May             | Wednesday<br>17 <sup>th</sup> May           | Thursday<br>18 <sup>th</sup> May            | Friday<br>19 <sup>th</sup> May              | Saturday<br>20 <sup>th</sup> May            |
|--|---|---|---|---|---|---|---|
| Sun 14 <sup>th</sup> May<br>Sat 20 <sup>th</sup> May | B4<br>Revise areas<br>you are unsure<br>of. | B4<br>Revise areas<br>you are<br>unsure of. | B4<br>Revise areas<br>you are<br>unsure of. | B5<br>Revise areas<br>you are<br>unsure of. | B5<br>Revise areas<br>you are unsure<br>of. | B5<br>Revise areas<br>you are unsure<br>of. | B6<br>Revise areas<br>you are unsure<br>of. |
| Tick when<br>completed                               |   |   |   |   |   |   |   |
|  | Sunday<br>21 <sup>st</sup> May              | Monday<br>22 <sup>nd</sup> May              | Tuesday<br>23 <sup>rd</sup> May             | Wednesday<br>24 <sup>th</sup> May           | Thursday<br>25 <sup>th</sup> May            | Friday<br>26 <sup>th</sup> May              | Saturday<br>27 <sup>th</sup> May            |
| Sun 21 <sup>st</sup> May<br>Sat 27 <sup>th</sup> May | B6<br>Revise areas<br>you are unsure<br>of. | B6<br>Revise areas<br>you are<br>unsure of. | C4<br>Revise areas<br>you are<br>unsure of  | C4<br>Revise areas<br>you are<br>unsure of  | C4<br>Revise areas<br>you are unsure<br>of  | C5<br>Revise areas<br>you are unsure<br>of  | C5<br>Revise areas<br>you are unsure<br>of  |
| Tick when<br>completed                               |   |   |   |   |   |   |   |
|  | Sunday<br>28 <sup>th</sup> May              | Monday<br>29 <sup>th</sup> May              | Tuesday<br>30 <sup>th</sup> May             | Wednesday<br>31 <sup>st</sup> May           | Thursday<br>1 <sup>st</sup> June            | Friday<br>2 <sup>nd</sup> June              | Saturday<br>3 <sup>rd</sup> June            |
| Sun 28 <sup>th</sup> May<br>Sat 3 <sup>rd</sup> June | C5<br>Revise areas<br>you are unsure<br>of  | C6<br>Revise areas<br>you are<br>unsure of  | C6<br>Revise areas<br>you are<br>unsure of  | C6<br>Revise areas<br>you are<br>unsure of  | P4<br>Revise areas<br>you are unsure<br>of  | P5<br>Revise areas<br>you are unsure<br>of. | P6<br>Revise areas<br>you are unsure<br>of. |
| Tick when<br>completed                               |   |   |   |   |   |   |   |

| Date.<br>Module and<br>Page number                      | Sunday<br>4 <sup>th</sup> June                    | Monday<br>5 <sup>th</sup> June                    | Tuesday<br>6 <sup>th</sup> June                   | Wednesday<br>7 <sup>th</sup> June                         | Thursday<br>8 <sup>th</sup> June                  | Friday<br>9 <sup>th</sup> June                         | Saturday<br>10 <sup>th</sup> June                 |
|---|---|---|---|---|---|--|---|
| Sun 4 <sup>th</sup> June -<br>Sat 10 <sup>th</sup> June | B4 B5 B6<br>Revise areas<br>you are unsure<br>of. | B4 B5 B6<br>Revise areas<br>you are<br>unsure of. | B4 B5 B6<br>Revise areas<br>you are<br>unsure of. | B4 B5 B6<br>Revise areas<br>you are<br>unsure of.         | B4 B5 B6<br>Revise areas<br>you are unsure<br>of. | B4 B5 B6<br>Higher Exam<br>9am Start<br><br>Good Luck! | P4 P5 P6<br>Revise areas<br>you are unsure<br>of. |
| Tick when<br>completed                                  |   |   |   |   |   |  |   |
| Date.<br>Module and<br>Page number                      | Sunday<br>11 <sup>th</sup> June                   | Monday<br>12 <sup>th</sup> June                   | Tuesday<br>13 <sup>th</sup> June                  | Wednesday<br>14 <sup>th</sup> June                        | Thursday<br>15 <sup>th</sup> June                 | Friday<br>16 <sup>th</sup> June                        | Saturday<br>17 <sup>th</sup> June                 |
| Sun 11 <sup>th</sup> June<br>Sat 17 <sup>th</sup> June  | C4 C5 C6<br>Revise areas<br>you are unsure<br>of. | C4 C5 C6<br>Revise areas<br>you are<br>unsure of. | C4 C5 C6<br>Revise areas<br>you are<br>unsure of. | C4 C5 C6<br>Higher<br>Exam<br>9am Start<br><br>Good Luck! | P4 P5 P6<br>Revise areas<br>you are unsure<br>of. | P4 P5 P6<br>Higher Exam<br>9am Start<br><br>Good Luck! |   |
| Tick when<br>completed                                  |   |   |   |   |   |  |   |