Swanwick Hall School Long Term Planning

Year 9 Foundation Mathematics

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| Learning cycle | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| 1  5/9/22 – 21/10/22 | Frequency trees | Plans and elevations | Plans and elevations | Indices | Indices | ***checkpoint week*** | ***gap week*** |  |
| 2  31/10/22- 22/12/22 | Stats and sampling | Stats and sampling | Algebra manipulation | Algebra manipulation | Angles | Angles | ***checkpoint week*** | ***gap week*** |
| 3  9/1/23 – 3/3/23 | Bearings | Negative numbers | Negative numbers | Equations | Equations | ***checkpoint week*** | ***gap week*** |  |
| 4  6/3/23 – 12/5/23 | Pythagoras | Standard form | Standard form | Speed, density and pressure | Speed, density and pressure | Ratio | ***checkpoint week*** | ***gap week*** |
| 5  15/5/23 – 3/7/23 | Probability | Probability | Time graphs | Time graphs | Averages | ***checkpoint week*** | ***gap week*** |  |
| mini unit  10/7/23 – 21/7/23 | Y = mx + c | Y = mx + c |  |  |  |  |  |  |

Swanwick Hall School Long Term Planning

Year 9 Higher Set 1 Mathematics

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| Learning cycle | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| 1  5/9/22 – 21/10/22 | Indices | Indices | Standard form | Standard form | Surds | ***checkpoint week*** | ***gap week*** |  |
| 2  31/10/22- 22/12/22 | Stats and sampling | Stats and sampling | Algebra manipulation | Angles | Angles | Bearings | ***checkpoint week*** | ***gap week*** |
| 3  9/1/23 – 3/3/23 | Circle theorems | Negative numbers | Equations and inequalities | Equations and inequalities | Rearranging formulae | ***checkpoint week*** | ***gap week*** |  |
| 4  6/3/23 – 12/5/23 | Quadratics | Trigonometry | Trigonometry | Plans and elevations | Scale factors | Scale factors | ***checkpoint week*** | ***gap week*** |
| 5  15/5/23 – 3/7/23 | Probability | Tree diagrams | Speed, density and pressure | Speed, density and pressure | Time graphs | ***checkpoint week*** | ***gap week*** |  |
| mini unit  10/7/23 – 21/7/23 | Y = mx + c | Y = mx + c |  |  |  |  |  |  |

Swanwick Hall School Long Term Planning

Year 9 Higher Set 2 Mathematics

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| Learning cycle | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| 1  5/9/22 – 21/10/22 | Indices | Indices | Standard form | Standard form | Standard form | ***checkpoint week*** | ***gap week*** |  |
| 2  31/10/22- 22/12/22 | Stats and sampling | Stats and sampling | Algebra manipulation | Angles | Angles | Bearings | ***checkpoint week*** | ***gap week*** |
| 3  9/1/23 – 3/3/23 | Circle theorems | Negative numbers | Equations and inequalities | Equations and inequalities | Rearranging formulae | ***checkpoint week*** | ***gap week*** |  |
| 4  6/3/23 – 12/5/23 | Quadratics | Trigonometry | Trigonometry | Plans and elevations | Scale factors | Scale factors | ***checkpoint week*** | ***gap week*** |
| 5  15/5/23 – 3/7/23 | Probability | Tree diagrams | Speed, density and pressure | Speed, density and pressure | Time graphs | ***checkpoint week*** | ***gap week*** |  |
| mini unit  10/7/23 – 21/7/23 | Y = mx + c | Y = mx + c |  |  |  |  |  |  |