Select your set (ctrl + click)or scroll down for lessons:

|  |  |
| --- | --- |
| Group  | Teacher |
| [Set 1](#Set1) | Dr Parsons |
| [Set 2](#Set2) | Mr Watkins |
| [Set 3](#Set3) | Miss Davies |
| [Set 4](#Set4) | Miss Purewal |
| [Set 5](#Set5) | Mr Desai |
|  |  |

Subject : Mathematics

2 Week Independent Learning plan **Week 7 and 6**

**Email queries to: nbaker@waseleyhills.worcs.s8h.uk**

SCROLL DOWN TO FIND YOUR SET / GROUP

Year: 10 Topic/theme:

SET 10(1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | 10(1) Dr Parsons | Solving equations with letters on both sides | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 1/equations-letters-both-sides | Watch video 113 on[www.corbettmaths.com](http://www.corbettmaths.com) then complete Q1 a,b,c,g,h,I,mQ2 g,h,iQ3 e,f,i |
| 2 | 10(1) Dr Parsons | Solving equations with letters on both sides | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 1/equations-letters-both-sides | Watch video 113 on[www.corbettmaths.com](http://www.corbettmaths.com) then complete Q4 a to h |
| 3 | 10(1) Dr Parsons | Solving equations with letters on both sides | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 1/equations-letters-both-sides | Watch video 113 on[www.corbettmaths.com](http://www.corbettmaths.com) then complete The apply section at the end of theworksheet |
| 4 | 10(1) Dr Parsons | Solving equations involving fractions | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 1/fractional-equations | Watch video 111 on[www.corbettmaths.com](http://www.corbettmaths.com) then complete Q1 a,h,I,j,kQ2 e,f,g,hQ3 all |
| 5 | 10(1) Dr Parsons | Practice with negative indices and fractional indices | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 1/fractional-equations | Watch video 111 on[www.corbettmaths.com](http://www.corbettmaths.com) then complete Q5 all |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |

SET 10(2)

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| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | 10(2) Mr Watkins | Ratios – Simplifying a given ratio | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 2/simplifying-ratios-pdf1 | Watch video 269 on www.corbettmaths.com then complete the questions 1-6 |
| 2 | 10(2) Mr Watkins | Ratios – Simplifying a given ratio - harder | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 2/simplifying-ratios-pdf1 | Watch video 269 on www.corbettmaths.com then complete the ‘Apply’ worksheet |
| 3 | 10(2) Mr Watkins | Ratios – Expressing a given ratio in terms of percentages or fractions | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 2/Expressing-a-ratio-as-a-fraction-or-percentage-pdf-1 | Watch video 269a on www.corbettmaths.com then complete the worksheet questions |
| 4 | 10(2) Mr Watkins | Ratios – Dividing an amount in a given ratio  | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 2/ | Watch video 270 on www.corbettmaths.com then complete the questions 1-5 |
| 5 | 10(2) Mr Watkins | Ratios – Dividing an amount in a given ratio - lesson 2  | Home Access +/coursework drive(S)/ Maths/School Closure work/Year 10/Lessons 16-20/Set 2/ | Watch video 270 on www.corbettmaths.com then complete the ‘Apply’ worksheet |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |

SET 10(3)

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| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | 10(3) Miss Davies | Recognising gradient and intercept from an equation.Writing the equation from given information. | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\Lessons 16-20\Set 3 Miss Davies\Equation-of-a-Line.pdf | Watch videos 191, 194, 195 on [www.corbettmaths.com](http://www.corbettmaths.com) then complete Workout questions: 1, 2, 3, 5 |
| 2 | 10(3) Miss Davies | Checking whether a point lies on a given line.Finding the equation given two basic coordinates. | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 3 Miss Davies\Equation-of-a-Line.pdf | Watch videos 191, 194, 195 [www.corbettmaths.com](http://www.corbettmaths.com) then complete Workout questions: 4, 6, 7Apply questions: 1 |
| 3 | 10(3) Miss Davies | Recognising and writing equations of parallel lines given information | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 3 Miss Davies\parallel-and-perpendicular-graphs.pdf | Watch videos 196 and 197 on [www.corbettmaths.com](http://www.corbettmaths.com) then complete Workout questions: 1, 2, 3 |
| 4 | 10(3) Miss Davies | Drawing and interpreting conversion graphs. | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 3 Miss Davies\Conversion-Graphs.pdf | Watch videos 151 and 152 on [www.corbettmaths.com](http://www.corbettmaths.com) then complete Workout questions: 1, 2, 3, 4 |
| 5 | 10(3) Miss Davies | Using conversion graphs to solve problems. | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 3 Miss Davies\Conversion-Graphs.pdf | Watch videos 151 and 152 on [www.corbettmaths.com](http://www.corbettmaths.com) then complete Apply questions: all |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |

Set 10(4)

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| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | 10(4) Miss Purewal | Learn the basic laws of indices. | Home Access + /courseworkdrive(S) / Maths/School Closure work/Year 10/Lessons 16-20/Set 4/questions for 1st lesson | Watch video 17 on [www.corbettmaths.com](http://www.corbettmaths.com) then completecomplete questions 1-9 |
| 2 | 10(4) Miss Purewal | Learn to write large numbers in standard form.Learn to write small numbers in standard form. | Home Access + /courseworkdrive(S) / Maths/School Closure work/Year 10/Lessons 16-20/Set 4/questions for lessons 2 - 5 | Watch 1st half of video 300 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeQuestions 1 and 3 |
| 3 | 10(4) Miss Purewal | Learn to write standard form numbers as ordinary numbers. | Home Access + /courseworkdrive(S) / Maths/School Closure work/Year 10/Lessons 16-20/Set 4/questions for lessons 2 - 5 | Watch last half of video 300 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeQs 2,4 and 6 |
| 4 | 10(4) Miss Purewal | Learn to multiply with standard form numbers. | Home Access + /courseworkdrive(S) / Maths/School Closure work/Year 10/Lessons 16-20/Set 4/questions for lessons 2 - 5 | Watch video 302 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeQ7 |
| 5 | 10(4) Miss Purewal | Learn to divide with standard form numbers. | Home Access + /courseworkdrive(S) / Maths/School Closure work/Year 10/Lessons 16-20/Set 4/questions for lessons 2 - 5 | Watch video 303on [www.corbettmaths.com](http://www.corbettmaths.com) then completeQ8 |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |

Set 10(5)

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| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 | 10(5) Mr Desai | Finding a percentage of an amount | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 5 Mr Desai\Percetages-of-amounts-234.pdf | Watch video 234 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeWork out questions 1 and 2 |
| 2 | 10(5) Mr Desai | Finding a percentage of an amount | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\Lessons 16-20\Set 5 Mr Desai\percentages-calc.pdf | Watch video 235 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeWork out questions 1 and 2 |
| 3 | 10(5) Mr Desai | Compound interest problems | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 5 Mr Desai\Compound-Interest.pdf | Watch video 236 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeWork out questions 1,2,3,4and 5 |
| 4 | 10(5) Mr Desai | To be able to recognise a prime number | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 5 Mr Desai\Prime-Numbers.pdf | Watch video 225 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeWork out questions 1,2 and 3 |
| 5 | 10(5) Mr Desai | To be able to recognise a squared number | HomeAccess+ \coursework drive(S)\maths\School Closure Work\Year 10\ Lessons 16-20\Set 5 Mr Desai\Squaring-Numbers.pdf | Watch video 226 on [www.corbettmaths.com](http://www.corbettmaths.com) then completeWork out questions 1,2,3,and 4 |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |

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| Lesson  | Teacher/set | What you need to take from this lesson  | Resource to use or hyperlink | Suggested task  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| **Need help?**HomeAccess+ <https://facility.waseley.networcs.net/HAP/login.aspx?ReturnUrl=%2fhap> (use your normal school username and password).Pupil and parent help page: <https://www.waseleyhills.worcs.sch.uk/coronavirus-independent-learning/help-for-parents-and-pupils> | **How will we assess you learning?**Exit ticket task on SMHWK after each two weeks of lessons. |