**Y10 Maths Weekly Task Grid – Week commencing 20th April**

Please choose at least 4 tasks from the grid to complete over this week

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| ***Task 1***  Make a quiz/PowerPoint/kahoot on questions involving anything you have learnt to do with **Angles**  Questions can involve: Types of angles, angle rules, angle sums, angles in polygons, angles in parallel lines…  The more unique the better!  Any excellent efforts will be shared with everyone to complete next week! | ***Task 2***  Go onto Manga High Maths Website  Log on with the details attached to show my homework  Attempt **The parts of the circle** Task  If you redo the exercise you will start on the harder questions you got to last time  You get more points for answering harder questions  Try and get at least a bronze medal | ***Task 3***  Complete the my maths lesson on **Line Graphs**  [Line Graphs lesson](https://app.mymaths.co.uk/6011-lesson/line-graphs)  Online homework - [Line Graphs homework](https://app.mymaths.co.uk/6011-homework/line-graphs) | ***Task 4***  Play a **mathematical board game** with some of your household.  E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc. |
| ***Task 5***  Watch the video for **Parts of a circle**:  [Video - parts of a circle](https://corbettmaths.com/2013/12/21/parts-of-the-circle-video-61/)  Answer the following questions:  [Parts of a circle questions](https://corbettmaths.com/wp-content/uploads/2018/09/Parts-of-the-Circle-pdf.pdf)  Answers to check –  [Parts of a circle answers](https://corbettmaths.com/wp-content/uploads/2018/09/Parts-of-the-Circle-answers.pdf) | ***Task 6***  Watch a **film** that is linked to maths. Some ideas below (all PG):  A Beautiful Mind  The Man Who Knew Infinity  Queen of Katwe  Moneyball  Back to the Future  Hidden Figures  Martian  [More film ideas...](https://www.yardbarker.com/entertainment/articles/20_films_about_math_mathematicians_and_math_geniuses/s1__28630979#slide_16)  (if there is an age restriction, please get parent/carer permission) | Image***Task 7*** | ***Task 8***  Go onto [Mr Carter Maths](https://www.mrcartermaths.com/)website  Log on with the following details:  student@stocksbridgehigh.co.uk  password is Prism240  Click on Secondary > Geometry > **Angles in parallel lines**  Do as many questions as you like and then check your answers |
| ***Task 9***  Go onto Manga High Maths Website  Log on with the details attached to show my homework  Attempt **Angles in Polygons Game**  Try and complete as many levels as you can | ***Task 10***  Go onto [Mr Carter Maths](https://www.mrcartermaths.com/)website  Log on with the following details:  student@stocksbridgehigh.co.uk  password is Prism240  Click on Secondary > Geometry > **Pythagoras**  Do as many questions as you like and then check your answers | ***Task 11***  Improve your **logic skills**  Play any of the three games on  [***Solve me***](https://solveme.edc.org/) | ***Task 12***  Read a **book** that is linked to maths.  This link has 64 books to look through…  [Maths books](https://www.goodreads.com/list/show/10931.Math_Fiction_for_Children_and_Adults_)  Some other ideas:  Giant Pumpkin Suite - Melanie Heuiser Hill  Navigating Early - Clare Vanderpool  Secrets, Lies and Algebra - Wendy Lichtman |