**Y9 Maths Weekly Task Grid – Week commencing 20th April**

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

|  |  |  |  |
| --- | --- | --- | --- |
| ***Task 1***  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  [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) | ***Task 2***  Improve your **logic skills**  Play any of the three games on  [***Solve me***](https://solveme.edc.org/) | ***Task 3***  Watch the video for **angles in parallel lines**:  <https://corbettmaths.com/2013/04/04/parallel-lines-angles/>  Answer the following questions:  <https://corbettmaths.com/wp-content/uploads/2013/02/angles-in-parallel-lines-pdf1.pdf>  Answers to check - <https://corbettmaths.com/wp-content/uploads/2019/08/Angles-alternate-corresponding.pdf> | ***Task 4*** |
| ***Task 5***  Make a quiz/ powerpoint/ kahoot on questions involving angles.  Questions can involve anything to do with angles. The more unique the better!  If you would like to host your quiz in one of the Zoom lessons then let Miss Martin know and we can arrange it! | ***Task 6***  What careers involve the use of angle rules?  What rules are used and why?  Use the internet to help you.  Ask your parents!  Phone other members of your family and ask them what maths they use in their job, does it involve angles? | ***Task 7***  Go onto [mr carter maths](https://www.mrcartermaths.com/)website  Log on with the following details:  [student@stocksbridgehigh.co.uk](mailto: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 8***  Watch the video for **angles in polygons**:  <https://corbettmaths.com/2012/08/10/angles-in-polygons/>  Answer the following questions:  <http://corbettmaths.com/wp-content/uploads/2013/02/angles-in-polygons-pdf1.pdf>  Answers to check - <https://corbettmaths.com/wp-content/uploads/2019/08/Angles-polygons.pdf> |
| ***Task 9***  Create a poster/PowerPoint/revision cards on **Angles in polygons**  Website to help:  [BBC Bitesize - angles in parallel lines](https://www.bbc.co.uk/bitesize/guides/zk8j6sg/revision/1)  [Maths is Fun](https://www.mathsisfun.com/geometry/parallel-lines.html) | ***Task 10***  Play a **mathematical board game** with some of your household.  E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc | ***Task 11***  **Angles in polygons**  Complete the tasks on **Manga High** that have been assigned to you.  1) Interior angles of polygons (Quiz)  2) Exterior angle of polygons (Quiz)  3) Angles in Polygons – A Tangled Web (Game)  Your login details are on SMHW | ***Task 12***  **If the cost is the same, is it better value to buy…**  Two 8 inch pizzas…  Or one 12 inch pizza?  If you are answering this one I am going to need FULL working out. |