**Y8 Maths Weekly Task Grid – Week commencing 20th April**

Choose any tasks from the grid to complete over this week – The purple tasks are enrichment

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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***  Watch the documentary The Code  on the following You Tube address:  <https://www.youtube.com/watch?v=eOMZtBacarY&t=1287s>  Try and think about the links between the real world and mathematics | ***Task 3***  Complete the my maths lesson on **Parts of circles lesson** and **Parts of circles homework**  Which has been set on my maths | ***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:  A Beautiful Mind  The Man Who Knew Infinity  Queen of Katwe  Moneyball  Back to the Future  Hidden Figures  Martian | 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 polygons**  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***  Create a mind map/poster of all the things you **already know** about **2D Shapes**. Try and think about the properties of these shapes eg parallel lines/perpendicular lines  When you learn something new, add it to your map.  An example and a template below (on next page) … | ***Task 11***  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 | ***Task 12***  Improve your **logic skills**  Play any of the three games on  [***Solve me***](https://solveme.edc.org/) |

