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

Choose any tasks from the grid to complete over this week – **Attach and submit your work on SMHW**

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| ***Task 1***  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 2***  Complete the my maths lesson on **Properties of quadrilaterals lesson** and **Properties of quadrilaterlas homework**  Which has been set on my maths | ***Task 3***  Practice your basic **numeracy** by playing countdown  [Countdown](https://nrich.maths.org/6499)    And improve your **logic skills**  Play any of the three games on  [***Solve me***](https://solveme.edc.org/) | ***Task 4***  Play a **mathematical board game** with some of your household.  E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc. |
| ***Task 5***  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 > Bronze,Silver Gold>Geometry > **Angles in triangles**  Do as many questions as you like and then check your answers | ***Task 6***  Watch the video for **Properties of triangle**:  [Video – Properties of quadrilaterals](https://corbettmaths.com/2013/12/21/names-of-quadrilaterals-video-2/)  Answer the following questions:  [Properties of quadrilaterals](https://corbettmaths.com/wp-content/uploads/2013/02/quadrilaterals-pdf1.pdf)  Answers to check –  [Properties of quadrilaterals answers](https://corbettmaths.com/wp-content/uploads/2019/08/2D-Shapes-Quadrilaterals.pdf) | ***Task 7*** | ***Task 8***  Some clips from the BBC about  [who needs maths](https://www.bbc.co.uk/teach/class-clips-video/maths-ks2--ks3-who-needs-maths/zvf9t39) |
| ***Task 9***  Go onto Manga High Maths Website  Log on with the details attached to show my homework  Attempt **properties of triangles**.  Try and complete as many levels as you can | ***Task 10***  Read a **book** that is linked to maths.  Some ideas below:  Giant Pumpkin Suite - Melanie Heuiser Hill  Navigating Early - Clare Vanderpool  Secrets, Lies and Algebra - Wendy Lichtman  Ruby Redfort Feel the Fear - Lauren Child  [More book ideas on this link if you want them](http://letsreadmath.com/math-and-childrens-literature/middle-school-mathematics-literature/) | ***Task 11***  Try the [weekly challenges](https://www.bbc.co.uk/bitesize/articles/z6pqqp3) form BBC. You should be able to complete most of the challenges but focus on q3 to 6.  Also an interesting [clip](https://www.bbc.co.uk/bitesize/clips/zt96n39) on where 0 and negative numbers come from | ***Task 12***  Watch the [Christmas lectures episode 1](https://www.youtube.com/watch?v=_q4DrUHKC0Q%20)  From You Tube |

