



- Since school closed we have been setting your maths lessons and work using MyMaths
- From Monday 29th July students in Y7-9 will no longer be set work using MyMaths
- Your work will now be set on HegartyMaths

Why?

HegartyMaths uses videos of Mr Hegarty teaching rather than click through lessons and we believe that this will be a much better way of learning for some students.

The maths is broken down into smaller chunks on HegartyMaths than on MyMaths and the videos and tasks are more closely linked to each other. This will make it easier for you to address any issues that you have.

HegartyMaths tells us how much time you have spent watching videos and working on tasks so we will have a better idea of who is trying really hard but is struggling with the actual maths and who just isn't trying very hard at all.

What do I need to do?

- Go to www.hegartymaths.com
- Click on the green student login button at the top
- In the find your school box, start to type Airedale Academy and it will bring up our school for you to click on

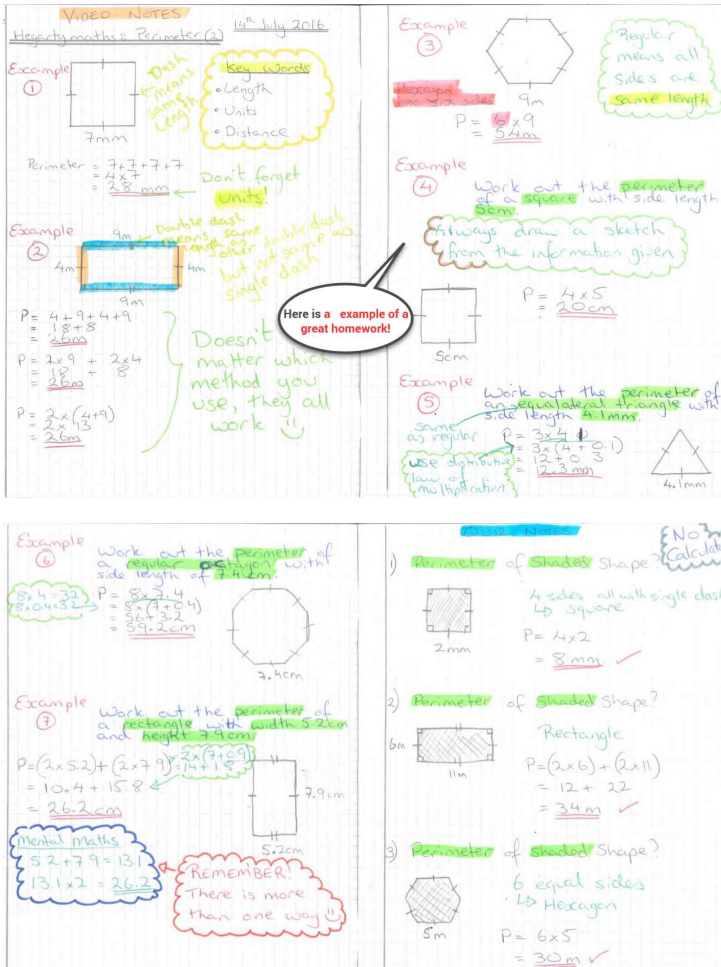
- Enter your first name, last name and date of birth into the box that pops up, remembering to use capital letters at the start of your names!
- Choose a password and make a note of this somewhere safe – whilst we can reset your password, we can never see it so it is your responsibility to remember what you have picked

Make sure that you can get logged onto HegartyMaths straight away and if you have any issues contact your maths teacher.


Working on HegartyMaths

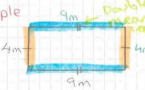
- Your teacher will be setting you 6 tasks each week for the last 3 weeks of term
- Once you are logged in go to My Tasks to find the work that has been set
- For each task try to do the following:
 - Write the title down on your paper
 - Watch the video carefully taking any notes that will help you with the quiz – you can replay anything you are unsure of
 - When you have completed the video start the quiz – you should do your working out on your paper, trying to lay it out as you were shown in the video
 - If you get a question wrong you can click on the get help button and it will take you back to the exact point on the video which will help you with this question


The questions are on screen and the marking is done online but that doesn't mean that you will be able to do all the maths in your head. Here is an example of what a well completed task on HegartyMaths might have involved on paper:





Video NOTES 14th July 2016
HegartyMaths = Perimeter (2)

Example ①  **Key words:** Length, Units, Distance. Perimeter = $7+7+7+7 = 28\text{ mm}$. *Don't forget units!*

Example ②  **Double dash means some other multiple dash but not some odd single dash.** $P = 4+9+4+9 = 18+8 = 26\text{ m}$. $P = 2 \times 9 + 2 \times 4 = 2 \times (9+4) = 2 \times 13 = 26\text{ m}$. *Doesn't matter which method you use, they all work!*


Example ③  **Regular means all sides are same length.** $P = 6 \times 9 = 54\text{ m}$


Example ④ **Work out the perimeter of a square with side length 5cm.** *Always draw a sketch from the information given.*  $P = 4 \times 5 = 20\text{ cm}$


Example ⑤ **Work out the perimeter of an equilateral triangle with side length 4.1mm.** *Some as regular use distributive law of multiplication.*  $P = 3 \times 4.1 = 3 \times (4 + 0.1) = 12 + 0.3 = 12.3\text{ mm}$

Example ⑥ **Work out the perimeter of a regular polygon with side length of 7.4cm.** $P = 8 \times 7.4 = 8 \times (7 + 0.4) = 56 + 3.2 = 59.2\text{ cm}$

Example ⑦ **Work out the perimeter of a rectangle with length 5.2m and height 7.9cm.** $P = (2 \times 5.2) + (2 \times 7.9) = 10.4 + 15.8 = 26.2\text{ cm}$. *Mental Maths: $5.2 + 7.9 = 13.1$, $13.1 \times 2 = 26.2$. REMEMBER! There is more than one way!*

1) Perimeter of shaded shape?  *4 sides all with single dash. ↳ square* $P = 4 \times 2 = 8\text{ mm}$ ✓

2) Perimeter of shaded shape?  *Rectangle* $P = (2 \times 6) + (2 \times 11) = 12 + 22 = 34\text{ m}$ ✓

3) Perimeter of shaded shape?  *6 equal sides. ↳ Hexagon* $P = 6 \times 5 = 30\text{ m}$ ✓

Just like on MyMaths, you do not need to have been set a task in order to watch the video and complete the quiz. You can select any topic that you want to revisit and complete that too.

This is an ideal opportunity for a fresh start. If you haven't done as much work as you should have done on MyMaths or your efforts have decreased over time then show us what you can do on HegartyMaths.