

## Year 8 Mathematics Week beginning 18<sup>th</sup> May

### Aim of the week: Develop understanding of linear graphs

<b>Prior learning: in previous weeks you should have:</b> <ul style="list-style-type: none"> <li>• Completed the Hegarty Revision clips on Probability</li> <li>• Completed the Hegarty clips on Area and Volume</li> <li>• Completed the following Hegarty clips on Graphs: <ul style="list-style-type: none"> <li>▪ 199 Cartesian axes and coordinates</li> <li>▪ 200 Midpoint of a line segment</li> <li>▪ 201 Gradient of a line segment 1</li> <li>▪ 205 Drawing line graphs from coordinates</li> <li>▪ 874 Distance time graphs</li> <li>▪ 202 Gradient of a line segment 2</li> <li>▪ 875 Distance time graphs 2</li> <li>▪ 203 Gradient of a line segment 3</li> <li>▪ 206 Straight line graphs 1</li> <li>▪ 204 Gradient of a line segment 4</li> <li>▪ 876 Distance time graphs 3</li> <li>▪ 207 Straight line graphs 2</li> <li>▪ 877 Distance time graphs 4</li> </ul> </li> </ul>		
	Session 1	Session 2
Day 1	<b>New Learning:</b> Hegarty Maths: Complete 208 Straight line graphs 3	Hegarty Maths: Complete 209 Straight line graphs 4
Day 2	<b>Revision:</b> Complete the Corbett Maths task on area of a circle Remember you can watch the video to help with this. <a href="https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/">https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/</a> <a href="https://corbettmaths.com/wp-content/uploads/2013/02/area-of-a-circle-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/area-of-a-circle-pdf.pdf</a>	Either complete a Hegarty Maths task from the list above that you haven't done yet or complete one Hegarty Memri task
Day 3	<b>New Learning:</b> Hegarty Maths: Complete 878 Distance time graphs 5	Hegarty Maths: Complete 879 Distance time graphs 6
Day 4	<b>Revision:</b> Complete the Corbett Maths task on volume of a cube/cuboid. Remember you can watch the video to help with this. <a href="https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-cuboid-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/volume-of-a-cuboid-pdf.pdf</a> <a href="https://corbettmaths.com/2012/08/09/volume-of-cuboids-and-cubes/">https://corbettmaths.com/2012/08/09/volume-of-cuboids-and-cubes/</a>	Complete the Revision sheet from the website on Area and Volume. We'll post the answers this week.

#### Things to remember:

Write in your exercise books as much as possible. Hegarty work should be set out as usual in your blue book and the KS3 revision sheets should be completed in full in your orange book. Remember to put a date and title and keep your standards high. It's OK to complete worksheets on paper if you have printed them out, but you still need to show full working out and stick them into your exercise books.

Hegarty is marked online and your teachers will leave you feedback which will help if you are getting stuck. **Check the red bell icon at the top of your homepage to retrieve your feedback.** The Corbett Maths website, <https://corbettmaths.com/>, has full sets of answer for all of their worksheets. We are adding answers for the revision sheets to allow you and your parents to complete regular self-assessment to keep you on track. Keep checking the folders on the VLE as we'll add them there as we go.

#### Why not try...

Japanese Multiplication: Look it up on YouTube <https://www.youtube.com/watch?v= AJvshZmYPs>

If you can do it, have a go at  $33 \times 24$ , or even  $312 \times 45$ . Take a picture of your work and post it on Twitter @mathsbrineleas1 so we can see how you did!