

## Year 9 Mathematics Week beginning 11<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 clips on Ratio and Proportion</li> <li>• Completed the Hegarty clips on Trigonometry</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>▪ 894 Interpreting real life graphs</li> <li>▪ 202 Gradient of a line segment 2</li> <li>▪ 895 Drawing real life graphs</li> <li>▪ 203 Gradient of a line segment 3</li> <li>▪ 206 Straight line graphs 1</li> </ul> </li> </ul>		
	Session 1	Session 2
Day 1	<b>New Learning:</b> Hegarty Maths: Complete 204 Gradient of a line segment 4 (Make sure you have completed 201- 203 first)	Hegarty Maths: Complete 896 Rates of change graphs
Day 2	<b>Revision:</b> Complete the Corbett Maths task on Pythagoras Theorem. <a href="https://corbettmaths.com/2012/08/19/pythagoras-video/">https://corbettmaths.com/2012/08/19/pythagoras-video/</a> <a href="https://corbettmaths.com/wp-content/uploads/2013/02/pythagoras-pdf2.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/pythagoras-pdf2.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 207 Straight line graphs 2	Hegarty Maths: Complete 208 Straight line graphs 3.
Day 4	<b>Revision:</b> Complete one Hegarty Memri task	Carry on with the Revision sheet from the website on Angles, Pythagoras and trigonometry. Answers are on the website.

#### 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...

<http://www.puzzleoftheweek.com/>

If you work it out, why not see challenge your parents or friends to see if they can do it too?