

Year 6 Home Learning: Summer 1 – Week 4

Working together to achieve success'



Hello Y6. We have created a timetable to support learning at home which combines online learning platforms with paper based activities you can view on screen and complete in your exercise book from school. **We do not expect families to print resources off!** We also want to know what you have been busy doing, so please email us at year-6@mossgate.lancs.sch.uk and we will share these on our school's FaceBook page every Monday. Please use the email address if you have any questions about the learning as well. Take care and keep safe. Mr Thwaites and Mrs Boswell

Daily PE

Start the day with 20-30 minutes of physical activity. Suggestions include: Joe Wicks Daily PE lesson Natasha Butler Daily Workout / Just Dance videos in YouTube. Additional physical activity ideas will be uploaded to our website www.mossgate.lancs.sch.uk > Home Learning.

Daily Newsround

Watch the 5 minute news summary daily at 12:15pm by going to <https://www.bbc.co.uk/newsround> and click 'Watch Newsround' in the top right hand corner. Discuss topical items in the news and research any aspects which interest – this could be a topic, country or person. Newsround updated daily.

Maths

This week we are learning about Angles and Problem Solving . Go to

<https://whiterosemaths.com/homelearning/> to access the resources. Use the video to help explain the concept and then complete the activity (in your exercise book) which you can view on screen by clicking 'Get the Activity'.

	Monday	Tuesday	Wednesday	Thursday	Friday
Mental Maths	Complete 15 minutes of IDL Numeracy (https://idlsigroup.com/) and/or Times Tables Rocks Stars (https://play.ttrockstars.com/auth/school).				
White Rose Maths	Lesson 1 – Angles in Special Quadrilaterals	Lesson 2 – Angles in Regular Polygons	Lesson 3 – Problem Solving	Lesson 4 – Problem Solving	Lesson 5 – Maths Challenge

English

This week our text/theme is Robots (Part 2). This week you will have the opportunity to explore, design and create your own robot! You will also make links with The Wizard of Oz referenced last week and begin writing a story featuring your own robot creation. **When following links online, please monitor that children are remaining on that page only and are keeping safe online.**

Please see the timetable on the following page.

Mon	<p>Today you are going to explore robots! Watch, enjoy and find out how robots can be used in these clips. As you watch and read, collect and discuss some of the technical vocabulary. Nat Geo Kids – Fun Facts About Robots https://www.youtube.com/watch?v=UuPAImipntw&feature=youtu.be Five Robots that are Changing Everything https://www.youtube.com/watch?v=17lk7D38ALY&feature=youtu.be More information about robots can be found on this web page: Controlling Physical Systems https://www.bbc.co.uk/bitesize/topics/zs7s4wx/articles/zxjsfg8 and in this downloadable extract from National Geographic Kids –Robots https://www.lovereading4kids.co.uk/book/16253/Robots-by-Melissa-Stewart.html - see PDF file named Robots After watching the film clips and reading the material, discuss with a family member the many ways in which robots can help/are used. <i>Write these uses in a chart or list like this:</i> <i>Ways in which robots can help us:</i> 1.) 2.) 3.) 4.) 5.)....</p>
Tues	<p>Using your research from yesterday, today you are going to have a go at creating your own imaginary robot!</p> <p>Look at some of the pictures here for ideas from the artist Darrell Wakelam: https://www.trendsmap.com/twitter/tweet/1256855365452521472 Darrell Wakelam's Twitter page https://twitter.com/DarrellWakelam What would you like your robot to do? What would its key function be? What might it look like?</p> <p>Draw a diagram with labels or create a fact file on your robot. View this clip here for ideas: https://www.goodnet.org/articles/9-home-robots-that-make-your-life-much-easier Try to use include some of the technical or more formal vocabulary you may have read above, or heard in the clips from yesterday. (e.g. futuristic, microscopic, series of actions, powered by, designed for, specific task, etc).</p> <p>If you have recycling materials available, use junk modelling to create your own robot.</p> <p>Take photos and send them to your class</p>
Wed	<p>Complete or refine your robot creation built yesterday. Today, you are going to write some information and /or explanation as to how your robot works. This could be in the form of a Powerpoint or presentation to your family. Remember to include key information, lifting ideas and vocabulary from your diagram or fact file created yesterday. If you are using Powerpoint, you may choose to insert some photographs of your robot too!</p>

Thurs	<p>Return to the story of The Wizard of Oz from last week. Learn about why the Tin Man wanted a heart by reading Chapter 5 of The Wonderful Wizard of Oz, by L. Frank Baum: http://www.gutenberg.org/files/43936/43936-h/43936-h.htm#Chapter_V</p> <p>Compare the Tin Man's plight with that of Buzz Lightyear from Toy Story. The Tin Man desperately wants a heart. What does Buzz Lightyear want? (to be human and not a toy. https://www.youtube.com/watch?v=vddEvqS6M4o (PG certificate).</p> <p>Think about your own robot. What might your robot wish for? E.g. a heart, a brain, new hands to do a particular job, or simply to become human.</p> <p>Write a character description of your robot as it might appear in a story. Remember in addition to all the physical features you may have included in your fact file or Powerpoint earlier this week, this time you will also need to include some of your character's thoughts and feelings, just like L. Frank Baum did with the Tin Man.</p> <p>Remember to read through your writing to check it makes sense and to check for spelling and punctuation.</p>
Fri	<p>Today you are going to write the opening to a story featuring your robot. You will need to include a description of your robot using ideas you have gathered this week. Your story could be about your robot's quest to satisfy their wish – whether it be for a heart, brains, new hands, or to become human.</p> <p>To help you plan, consider:</p> <p>Where is your story going to be set? Will your robot have another character to help them along the way, just as Dorothy helped the Tin Man? What obstacles might they meet along the way?</p> <p>Remember to read through your writing to check it makes sense and to check for spelling and punctuation.</p>

Complete 15 minutes of IDL Literacy (<https://idlsgroup.com/>) daily which develops spelling, comprehension and keyboard skills.

Topic

Mon	<p>Online Safety – Boys and Girls Online.</p> <p>Work through the PowerPoint (Home Learning> Summer 1 Home Learning > Week 4 > Year 6 > Boys and Girls Online).</p> <p>After slide 6, complete Part 1 of the worksheet – you can read this on screen and complete in your exercise book (Home Learning> Summer 1 Home Learning > Week 4 > Year 6 > Who Am I For?).</p> <p>Continue to work through the PowerPoint.</p> <p>After slide 10, complete task 2.</p>
Tues	<p>Science – Evolution and Inheritance</p> <p>Evolution</p> <p>Use BBC Science clip to find out about Evolution: https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/z9qs4qt</p> <p>Activity</p>
Wed	<p>Complete the 'Fill in the Gaps' quiz.</p> <p>Can you create a poster to explain what Evolution is?</p>
Thurs	<p>The Battle of Britain</p> <p>Britain's Defence</p> <p>Continue with your PowerPoint about The Battle of Britain.</p> <p>This week, add slides about:</p> <ul style="list-style-type: none"> - How did Britain defend itself during the Battle of Britain? What strategies and equipment did they use? - - What impact did these events have on Britain – deaths, destruction etc.
Fri	<p>The Time for Challenge</p> <p>Pick an activity from 'The Time to Challenge' topic mat to complete. Please send us any pictures of work you have been doing as this will be a great motivator for others to carry out these activities too.</p>