



Week 11 – Year 5/6: Learning Project - Transport

Weekly Reading Tasks		Weekly SPaG Tasks	
<p>Monday- Learn all about Robert Fulton. When you've finished reading take the quiz about this famous inventor, located at the bottom of the page.</p>	<p>Monday- Practise your spellings for this week. Some people find that writing each letter in a different colour is helpful.</p>		
<p>Tuesday- Complete this reading comprehension on the Titanic. When you're ready to mark your work the answers are here.</p>	<p>Tuesday- Complete the SPaG task for your year group from the school website.</p>		
<p>Wednesday- Look at leaflets, newspaper articles or other literature about transport. What different types of transport are available to us? What does the information tell you about how we use transport? How has this changed over time? Can you predict how it might change again in the future?</p>	<p>Wednesday- Can you create a transport glossary of these terms: underground, cargo, gangway, pedestrian, terminal & voyage? What other transport words could be added to your glossary?</p>		
<p>Thursday- Complete your reading comprehension from the school website.</p>	<p>Thursday- Ask an adult to help you with your weekly spelling test.</p>		
Weekly Writing Tasks		Weekly Maths Tasks	
	Y5	Y6	
<p>Monday- Research the famous explorer Christopher Columbus, how he travelled and his voyages. Create a story to retell one of his discoveries. This could be written in the first person as Columbus himself!</p>	<p>Monday-</p>	<p>Subtracting decimals with the same number of decimal places</p>	<p>Area and perimeter</p>
<p>Tuesday- Design your own mode of transport and then create an information leaflet all about it. Think about how it works, what it looks like and safety procedures whilst on board. What destinations does the vehicle travel to and how long is travel time?</p>	<p>Tuesday-</p>	<p>Subtracting decimals with a different number of decimal places</p>	<p>Area of a triangle</p>
<p>Wednesday- Create a menu for guests on board your new form of transport that you made yesterday. Make it as creative as possible and think carefully about the layout.</p>	<p>Wednesday-</p>	<p>Multiply decimals by 10, 100 and 1,000</p>	<p>Area of a parallelogram</p>
<p>Thursday- Write a job application as someone who would like to work on board this new mode of transportation. Think about the skills you would need for the job. Here is an example.</p>	<p>Thursday-</p>	<p>Divide decimals by 10, 100 and 1,000</p>	<p>Volume of a cuboid</p>

Learning Project - to be done throughout the week

The project this week aims to provide opportunities for your child to learn more about transport. Learning may focus on modes of transport, transport in the past, the science behind transport, road safety and how to be safe around water.

- **Is it a Bird? Is it a Plane?**- Choose a major city from each continent and look at the population's primary mode of public transport, e.g. rickshaws and Skytrain in Bangkok, Asia, the Tube in London, Europe etc. Create a fact-sheet showing each city's most popular mode of transport and decide which is your favourite, providing reasons for their opinions.
- **Creativity in the Underground**- Many of the London Underground tube stations have their own unique, tiled designs. Think of your own London Underground tube station name and create a tile design to accompany it. You could simply draw the design using crayons, felt tips or paint. Alternatively, you may choose to represent the design in the form of a collage, cutting out your own tiles of paper, newspaper, magazines, cardboard, or whatever you have access to at home. Remember to tweet a photo of their design using #TheCalderLearningProjects
- **From Horse-Drawn Cart to Jumbo Jet**- Select 10 modes of transport from throughout history [using this link](#). Research the modes of transport and present them on a timeline, writing a description for each one, explaining what it was and who would have used it - bonus points for including the inventors!
- **Faster Than a Speeding Bullet...Train**- The Shanghai Maglev, also known as Shanghai Transrapid, is currently the fastest train in the world, running between Shanghai and Beijing in China. Can you be just as speedy and complete the following 5 activities as fast as possible: Star jumps; tuck jumps; press-ups; squats and lunges. Record how many repetitions of each activity you can perform in 1 minute. Can you beat their personal best? Can you record your heart rate (beats per minute) after each activity?
- **Make and Do - Make it Go!**- Try this [hover balloon activity](#). You will need the following equipment: CD, bottle top with push/pull closure, like those on some sports drinks or water bottles, blu-tack or glue and a balloon. Alternatively, you could have a go at creating a [baking powder powered boat](#). You will need the following equipment: empty water bottle, baking powder, kitchen roll or tissue, scissors, straw, vinegar, sellotape. If you don't have access to this equipment, you can watch and read about the experiments and discuss your favourite, providing reasons you're your opinions.

STEM Learning Opportunities

Brilliant boats

- Watch [this video](#) about boat designs.
- Try creating your own boat designs and testing them. You might like to use something smaller and more waterproof than a bag of sugar for testing though!

Additional learning resources parents may wish to engage with

- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Twinkl](#) - Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.
- [White Rose Maths](#) online maths lessons. Watch a lesson video and complete the worksheet (can be downloaded and completed digitally).

- IXL online. Click here for [Year 5](#) or here for [Year 6](#). There are interactive games to play and guides for parents.
- [Rob Biddulph](#) – Easy to follow drawing tutorials! New videos are posted every Tuesday and Thursday at 10am. Share results with school or Rob using #DrawWithRob on Twitter.

The Learning Projects are based on the **National Curriculum expectations** for the key stage which your child is in. It may be that your child finds the tasks set within the Learning Project for their year group too simple. If this is the case, then we suggest that your child accesses the Learning Projects which are set for the key stage above. Equally, if the projects are too challenging, then we advise that your child accesses the projects for the key stage below.

If your child requires more of a challenge, or you believe that there are some gaps in their learning then [Century Tech](#) is a fantastic resource that is currently free for home learning. The app is designed to address gaps and misconceptions, provide challenge and enables children to retain new knowledge. It uses artificial intelligence to tailor the learning to your child's needs. Sign up [here](#).

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