

Key Stage Five – Transport Themed Ideas

Hello everyone,

I have tried to give you all a wide range of activities that YOU can choose. You need decided which challenges you will enjoy and the ones that you think you can achieve. I have tried to make sure they include getting you outside and doing things as much as I can whilst still making sure you practice those important English and Maths skills.

These challenges are for everyone in Sixth Form to choose from, not just my tutor group.

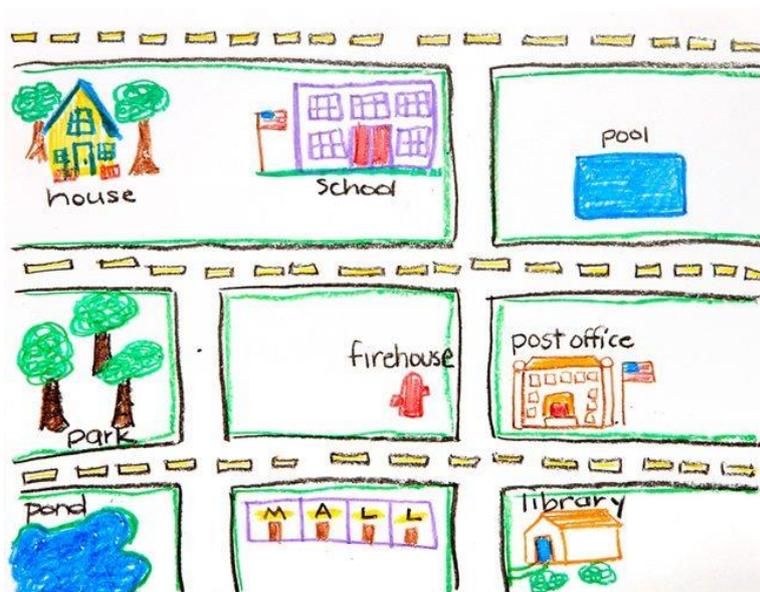
Let me know how you get on and which ones you enjoyed, you might even like to email me a photograph of you completing an activity. It would be great to see what you are all up to.

From,

Mrs Killa

1. Map Drawing

Use google maps to look at a birds eye view of your town/village. Use it to draw a simple map. Plan a walk using the map you have drawn and take it out with you on your next walk.



2. Washing a Vehicle

Get outside in the sunshine and help your parent/carer wash their vehicle, it could be a car, a van, even a bicycle!



3. Transport themed mindful colouring (In files).

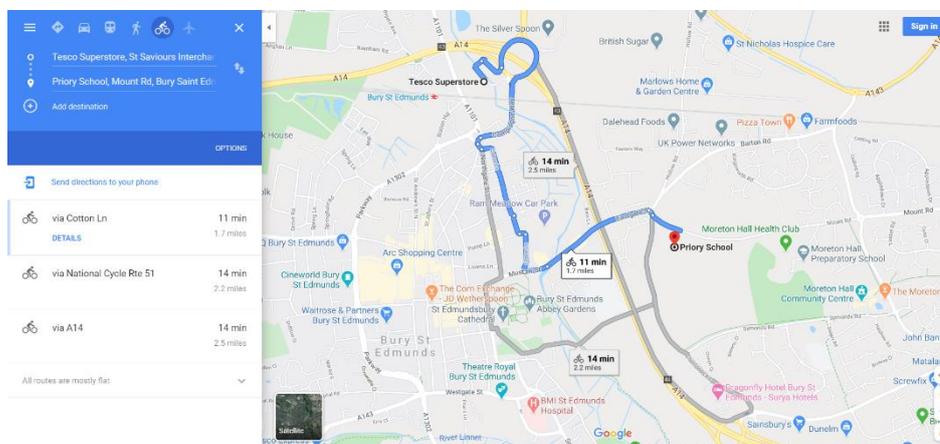
Download and print one of the transport themed colouring pictures, put on some relaxing music and get creative!

4. Travel times

Using google maps find out how long it would take to travel by car and on foot to places in your local area such as the shops, the library, the leisure centre.

Load up google maps and type in your address. Now choose somewhere in your town you would like to go, shop, library, leisure centre etc. Find the address for this location and use google maps 'directions' to find out how long it would take to drive to that place. Can you also see how long it would take to walk or cycle?

Try some other places, which takes the longest?



5. Cost of Fuel

Find out the cost of fuel (petrol or diesel) at your local supermarket. Use it calculate the cost to fill these vehicles: (Hint: you will need to multiply, use a calculator. You will need to divide your answer by 100 to get the amount in £)

Example: Ford Focus – 40L tank

$$127.7 \times 40 = 5,108\text{p}$$

$$5108 \div 100 = \text{£}51.08$$

BMW – 63L tank

Vauxhall Corsa – 45L tank

Range Rover – 68L tank

Tractor – 35L tank

Which vehicle is the most expensive to fill?

Which is the cheapest?



6. Tally charts

Make a tally chart with different colours of cars at the top for example white, black, silver, green. Take it on a walk with you and count how many different cars you see.

(Remember a tally has 4 lines and then the 5th line goes through all of the other 4)



Colour	Tally	Total
Red  		
Blue  		
Green  		
Yellow  		
Black  		
White  		

7. Cars Conversation Cards (in the files).

Discuss the different questions with members of your household, no need to print just read them from the screen.

Listen carefully to their responses and remember to respond politely when somebody has a different opinion to your own. Take it in turns to talk and do not interrupt someone when they are talking.

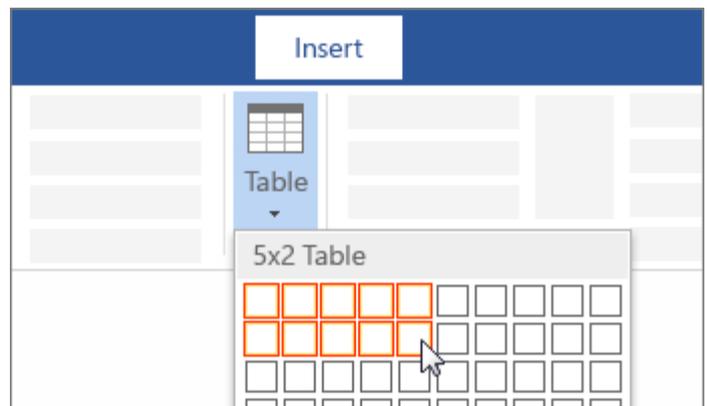
8. Titanic Reading Comprehension (In files)

There are three different levels, try to read the information independently if you can but have an adult with you in case you need some help.

If you have really enjoyed reading about the titanic, see if you research more facts and create an information poster about the ship.

9. Methods of Transport Word search (in files)

This will need printing however if you don't have a printer you could make your own word search using different types of vehicles, makes or models, even colours for example and ask someone in your house to complete it. You can do this on Word by inserting a table or just draw a grid onto some plain paper!

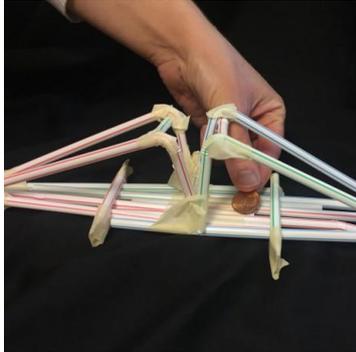


10. Should everyone walk to work once a month debate (resources in files)

Read through and discuss the facts in the PowerPoint. Use the information you have found out to create a poster about why people should walk to work. You can use the template poster in the files or you could just create your own. Remember to try to use **persuasive words** to help win your argument and convince people why they should walk.

11. Building bridges

Using whatever materials you can find can you build a bridge that can stand on its own? It could be made from lego, lolly sticks, paper, cups anything you can get your hands on. What is the length of your bridge? What is the height of your bridge?



12. Paper Planes

Use the paper plane investigation Powerpoint (in files) which contains instructions on how to make a paper airplane. Challenge other people in your house to make one, perhaps out of different paper or with a different design and see who wins the challenges:

Challenge 1 – Which plane travels the furthest?

Challenge 2 – Which plane travels the fastest?

Challenge 3 – Which plan flies the highest?

13. Design your own vehicle (there is a template to download and print in the files if you would like).

Draw and label any new vehicle you can imagine. Label and describe the features you have added.