

Learning Project WEEK 11 Transport

Age Range: Year 1 Oak, Sycamore and Willow

Weekly Maths Tasks (Aim to do 1 per day)

This week's Maths topic is capacity. Although the children have not done much learning on this we feel that it will be a good challenge. There are lots of fun 'capacity' activities that can be done at home.

- Find out all about capacity with these fun videos:
 1. <https://www.bbc.co.uk/bitesize/topics/zt9k7ty/articles/zp8crdm>
 2. https://www.youtube.com/watch?v=EN_z-uUm1Ww
- Find 3 containers at home, for example a drinking cup, a yoghurt pot and a jug. Fill them up with water. Full means that no more water can fit in the container. Think about the following questions:
 1. Which one has more water?
 2. Which one has the least amount of water?Tip some water out until they are **half full**. Then tip the water out until they are **empty**. Remember that empty means there is no longer any water left in the container.
- Complete/copy out the worksheet (number 1) **BELOW**. Ask an adult for help if you are stuck!
- Have a go at the word problems **BELOW** (worksheet 2 and 3)
- Play these capacity games:
 1. <https://www.splashlearn.com/measurement-games>
 2. <https://www.ictgames.com/mobilePage/capacity/index.html>

Weekly Reading Tasks (Aim to do 1 per day)

- Watch and listen to this story: [Oil! Get off our Train](https://safeyoutube.net/w/u6m6) <https://safeyoutube.net/w/u6m6> by John Birmingham. Make a list of the animals in the story (use the list on the last page of the book if you are stuck). Why was each animal upset?
- Watch, listen and read along with the story Whatever Next! By Jill Murphy <https://www.youtube.com/watch?v=6c5cb0uOrPM&safe=active> Talk about what happens in the story and answer the following questions:
 1. Where does baby bear want to go?
 2. How does he get there?
 3. What does he use to help him?
 4. Who joins baby bear?
 5. What does his mum think about his trip?
- Watch, listen and read along to the story Mr Gumpy's Motor Car by John Birmingham. <https://www.youtube.com/watch?v=WjVJ9ytVT90&safe=active> Who goes for a drive with Mr Gumpy? Make a list of the characters. What happens to them on the drive?
- Watch, listen and read along with this story: Mrs Armitage on Wheels https://www.youtube.com/watch?v=BL_JI9V16s&safe=active Talk about the story, what did Mrs Armitage add to her bike? Have you got a bike? What things would you add to your bike to make it better?
- Continue to practise reading your 100 words. Can you put some of them into a sentence?

Weekly Phonics/Spellings Tasks (Aim to do 1 per day)

- Play the Yeti game on Phonics Bloom. Read the sentence to help the penguins get across the ice.
<https://www.phonicsbloom.com/uk/game/yes-no-yeti?phase=5>
- How many words can you think of that have these split digraphs: **a-e, e-e, i-e, o-e, u-e**. For example: **plate, stone, flute**. Can you make a list?
Use this video to help you:
<https://www.youtube.com/watch?v=L7faYbILl1s&safe=active>
- Watch and read along with this video about split digraphs
<https://www.youtube.com/watch?v=ILBA-b5tzk&safe=active>
- Play this Obb and Bob game by reading these real and fake words in this game:
<https://www.phonicsbloom.com/uk/game/odd-and-bob?phase=5>
- Practise the words and sounds in the back of your reading diary.

Weekly Writing Tasks (Aim to do 1 per day)

- Read again the story Mrs Armitage on Wheels by Quentin Blake
https://www.youtube.com/watch?v=BL_JI9V16s&safe=active
What did Mrs Armitage add to her bike?
What things would you add to your bike to make it better?
You might have a scooter/skateboard.
What about adding rocket boosters to make it go faster!
- Draw a picture of your bike with the extra bits added. Can you label your picture.
- Write about your bike, use adjectives to describe all the extra things you can add.
- Read again the story 'Mr Gumpy's Motor Car' By John Birmingham
<https://www.youtube.com/watch?v=WjVJ9ytVT90&safe=active>
Retell the story in your own words or create a storyboard of the book. Who goes for a drive with Mr Gumpy? Where do they go?
- Make an A-Z list of transport vehicles. Remember you can think about transport from the past and the present. How many vehicles can you think of?
- Choose 10 of the 100 words to read and practise spelling them. Can you write these words in a sentence?

Learning Project - to be done throughout the week: Transport

- **Moving Models-** Can you make a model car that moves? What about using construction equipment like Lego? Or you could use recycled materials like toilet rolls or kitchen roll tubes. Test your model out on your kitchen floor or in your garden.
- **Float your Boat!-** Collect together some different materials. E.g. wood, plastic, paper, polystyrene etc. Make a prediction about which will float and which will sink then test them out to see which floats the longest. Can you list your results in a table?
- **Paper Aeroplanes-** watch this Science clip about making a paper aeroplane. Can you follow these instructions to make your own.
<https://www.youtube.com/watch?v=7KPaxKUDj6I&safe=active>

- **Rockets-** Baby Bear made a rocket to fly to the moon. Why not paint or draw your own rocket design. You could use paints, coloured pencils or felt tips. Or maybe use collage materials like foil or coloured paper. Below are some pictures to give you some ideas.
- **Design your own alien transport!** Pretend you are an alien and you want to visit planet Earth. How can you get there? Design your own spaceship/rocket/flying vehicle that would help you get to Earth. You can be as imaginative and creative as possible.

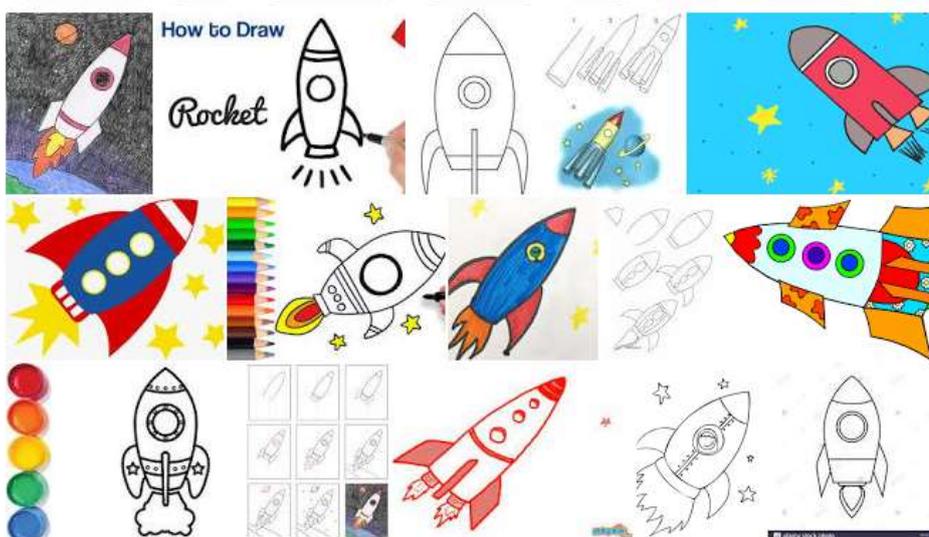
#TheLearningProjects



Make your own model car using Lego.



Make your own car out of recycled materials



Why not draw or make your own rocket.

Capacity and Volume

Can you draw a line on each container to show the water level at the correct volume?



half full



nearly full



nearly empty



full

Which container has the smallest capacity? **Circle one.**



Which container has the greatest capacity? **Circle one.**



Which container has the greatest capacity? **Circle one.**



Which container has the smallest capacity? **Circle one.**



1. Sally emptied the water from the vase into the glasses. The vase was full.



Complete the sentence.

The capacity of the vase is glasses.

2. Sam emptied a full teapot into these cups.



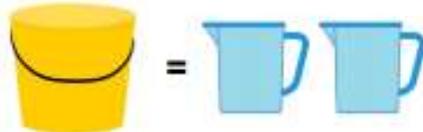
Circle the correct capacity of the teapot.

A. The capacity of the teapot is 8 cups.

B. The capacity of the teapot is 7 cups.

C. The capacity of the teapot is 5 cups.

3. One bucket holds two jugs of water.

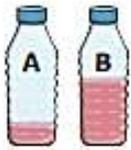


What is the capacity of five buckets?

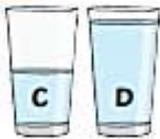


Introduce Capacity and Volume

More or less?

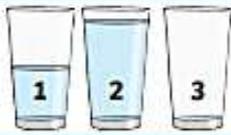


A has _____ than B.



C has _____ than D.

less
more



Put them in order from empty to full.

empty full

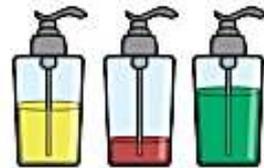


Pour water to show each capacity.

empty nearly empty nearly full full

Introduce Capacity and Volume

Match the soap bottles with the children.
Is there more than 1 answer?



My soap bottle has less soap than the green soap bottle.

My soap bottle has more soap than the red soap bottle.

Ava Tom

A taller container will always hold more than a shorter container.

What do you think?