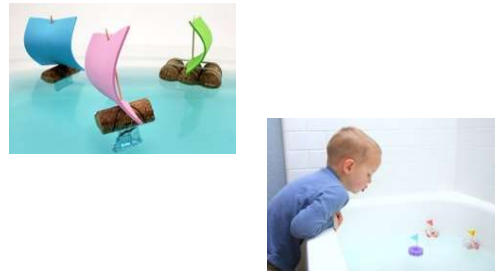


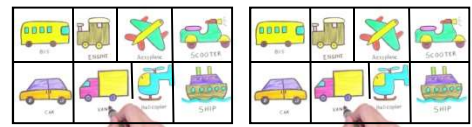
1. Can you design and make your own vehicle using junk modelling boxes (recycling) from home? What could you use to make the wheels?



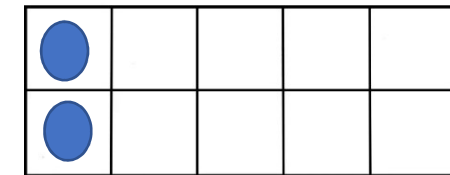
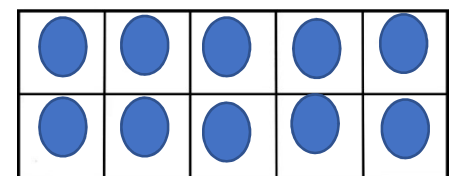
2. Can you blow a boat across the water? It can be either a boat you have or one that you have made.



3. Create your own pairs game with different modes of transport. Cut a sheet of paper up into 16 squares. Choose 8 different vehicles and draw each one on 2 squares. The turn them over and muddle them up and see if you can find the pairs.



4. How many ways can you make and show the number 12? Draw 2 tens frames on a whiteboard (or a piece of paper) and draw circles for the counters – see below. Can you write some addition number sentences to go with your tens frames? You may want to use real objects alongside this.



5. Count how many vehicles you have and then put them in order of length from smallest to longest.



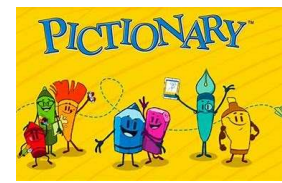
**Challenge – can you find something to use to measure the longest vehicle? E.g. pieces of Lego.**

6. Make a collection of different coins. Kate paid 15p for a bar of chocolate. What coins could she have used?



**Challenge – how many different ways can you find to make 15p?**

7. Play a game of Pictionary with your family. Think of a mode of transport and then draw it for your family to see, but don't tell them what it is! See if they are able to guess what you have drawn.



8. Play where is the vehicle? Place the vehicle in different positions (on, under, next to, behind etc) and say the sentence "The vehicle is ... the table". Repeat this for different places.

**Challenge – can someone tell you where to put the vehicle? Can you follow the instruction?**

9. Think about what makes a good friend. How are you a good friend? What can you do to become someone's friend?



10. Make a ramp for your vehicles to go down. You could use a piece of cardboard or a cushion. Which vehicle is the fastest going down the ramp? Which is the slowest? Why do you think that is? Which travels the furthest?



10 + 2 = 12

2 + 10 = 12

12 = 10 + 2

12 = 2 + 10

**Challenge – how many different ways can you make 12?**