

Maths Challenge Grid

Select one challenge below when advised to do so by your teacher. You can ask an adult to send it to your teacher by uploading it to SeeSaw or emailing Mr Bleakley (jbleakley288@c2kni.net) or Miss Boyd (eboyd460@c2kni.net)

Use a collection of 2D shapes to create a shape picture. Remember to label each shape.	Write down the age of everyone in your family. Estimate what you think the total of the ages are if you add them up. Then calculate it and see how close you were.	Go on a symmetry hunt around your house. Make a list of all the objects you find that have at least one line of symmetry. Make a note of how many lines of symmetry each object has.	Create a questionnaire and gather data about your family about their favourite snacks and drinks. Present your findings in a graph.
Use a TV guide or an online one, to create a viewing schedule for 2 hours and 15 minutes of television. Use the start and finish time for each programme to calculate the duration. List the programmes you could watch.	Head outside to make some patterns. Use the items you find to create interesting patterns.	Design a net of a cuboid that will hold a new cereal. Build the net, design a logo and use it on the front of your cereal box.	With a family member or friend, find a timer and set it to 30 seconds. Take it in turns to time each other doing different activities such as star jumps. Record your results in a table and see who wins in the end.
Pour pasta into a bowl and estimate how many shapes there are. Count the shapes. How close was your estimate?	Practise your times tables by reciting them as you skip or hop.	Plan a day trip out for you and a friend out in Belfast. Choose where you are going to visit, plan for transport costs and food and snacks for your outing. You have a budget of £50 for your day. Can you stick to the budget?	Use an online supermarket to plan a lunch for your family. Calculate the cost per person. If you paid with a £20 note would you get any change? If so, what notes/coins could make up the change?