

# Bowes Primary School



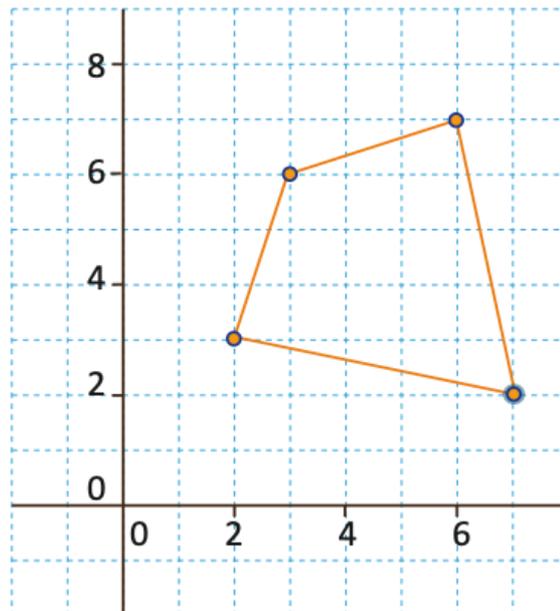
## Home Learning Pack

- We have provided several tasks that will support your child's learning during the current school closure.
- Many of the tasks are based on what the children would have been studying in class.
- Work can be recorded in your child's Home Learning book where appropriate.
- As teachers will not be able to oversee or feedback on this work, any support you can provide will be helpful.

Year group: 5	
Curriculum area	Tasks
Reading	<ul style="list-style-type: none"> <li>• Complete p 6-7 of the CGP comprehension book</li> <li>• First News reading comprehension crosswords (2 tasks)</li> <li>• Read daily for at least 30 minutes. Ensure you comment in your reading record. Parent(s)/Carer(s), ask relevant questions about the book. A useful list of questions to ask are here: <a href="https://www.scholastic.com/content/dam/teachers/blogs/meghan-everette/2017-2018/parent/ME-Parent-5ela.pdf">https://www.scholastic.com/content/dam/teachers/blogs/meghan-everette/2017-2018/parent/ME-Parent-5ela.pdf</a></li> <li>• Write a book review for each book you finish. You could include: a short summary, a rating, an age recommendation, character descriptions, a favourite quote</li> <li>• Collect new vocabulary: start a list of new words that you find in your reading and keep adding to it as you come across words you'd like to use yourself!</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Keep a diary of your daily life while school is closed. Describe what you're up to, what you're learning, what you're proud of, how you're feeling, how you see your environment changing...</li> <li>• Grammar work CGP SPAG book Sentence punctuation p 36-51 Conjunctions p21-23</li> <li>• Practise your weekly spellings in sentences and ask someone to test you at the end of the week.</li> <li>• Stop at a cliff-hanger in your book and write the start of the next chapter (or even the whole chapter!).</li> </ul>
Maths	<ul style="list-style-type: none"> <li>• Times Tables Rock stars (login stickers provided). Login and complete levels for at least 10 minutes a day: <a href="https://play.ttrockstars.com/auth/school/student/53578">https://play.ttrockstars.com/auth/school/student/53578</a></li> <li>• Complete the homework on Reflection</li> <li>• Cycling Co-ordinates investigation (see instructions below)</li> <li>• Create a battleship grid using coordinates and challenge a member of your family to a game (or play a virtual game with someone you can't meet up with!). Instead of ships, place different 2D shapes on your grid. Can you guess what your opponent's shape is by looking at the co-ordinates? Now invent a game involving reflection or translation!</li> </ul>
Topic based project based on research	<ul style="list-style-type: none"> <li>• Research the life and career of <b>Elizabeth Garrett Anderson</b>, scientist and suffragette. Create a written or visual report, on paper or electronically (or even an oral recording on a grown-ups phone) <a href="https://en.wikipedia.org/wiki/Elizabeth_Garrett_Anderson">https://en.wikipedia.org/wiki/Elizabeth_Garrett_Anderson</a> To go a bit further, compare with the life of another 20th century female scientist, such as Marie Curie. <a href="https://www.amightygirl.com/blog?p=11511">https://www.amightygirl.com/blog?p=11511</a></li> <li>• <b>Science investigations</b> <ul style="list-style-type: none"> <li>• Investigate how your eyes work independently and together – see sheet below.</li> <li>• Find ideas for more science experiments to carry out at home here: <a href="https://www.rigb.org/families/experimental">https://www.rigb.org/families/experimental</a></li> </ul> </li> </ul>

## Cycling co-ordinates

1. Write down four single-digit numbers, for example 2, 3, 6, 7.
2. Use these to produce four pairs of co-ordinates. Take the first two numbers to produce the first pair (2, 3), the second and third number to give the second pair of co-ordinates (3, 6), the third and fourth number to give the third pair of co-ordinates (6, 7) and then cycle round using the last and first numbers to give the last pair of co-ordinates (7, 2).
3. Plot the four points, then join them together. What shape have you drawn?

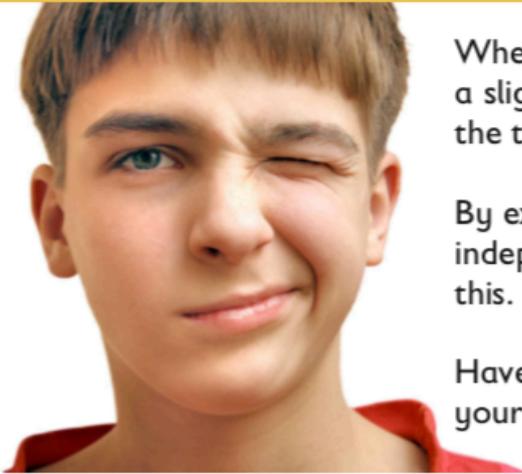


4. Now try 2, 6, 5, 1. What shape do they form this time?
5. Now try groups of your own four numbers. See what different types of quadrilateral you can produce?  
Can you write a rule for producing kites? Can you write a rule for producing squares?

### Challenge

Do your rules work in all four quadrants?

# How Do Our Eyes Work Together?



When you look at an object, each of your eyes gets a slightly different view. Then your brain combines the two views into one picture.

By experimenting with using your eyes independently, you can see how your eyes achieve this.

Have a go at these two investigations and see how your eyes function on their own and as a team!

## Investigation 1

1. Hold your hands out in front of you to make a rectangular frame (like in the picture).
2. Using both eyes, “frame” an object in the room inside the rectangle made by your fingers.
3. Close your left eye. What happens?
4. Open up your left eye and then close your right eye. What happens now?
5. Note down your observations.



What were your eyes doing?	What did you see?
Both eyes open	
Left eye closed, right eye open	
Right eye closed, left eye open	
Both eyes open again	

## Investigation 2

For this investigation you will need a piece of A4 paper and some sticky tape.

1. Roll your A4 piece of paper lengthways into a tube and secure in place with some sticky tape. 
2. Hold your paper tube to your left eye.
3. Hold up your right hand, palm facing you, fingertips to the ceiling with your little finger resting against the tube about halfway along. What do you see with both eyes open?
4. Close your left eye. What do you see?
5. Open your left eye and close your right eye. What do you see?
6. Now hold your paper tube to your right eye and place your left hand alongside the paper tube. What do you see with both eyes open?
7. Close your left eye. What happens?
8. Open your left eye and close your right eye. What happens?
9. Note down your observations.

<b>Paper tube on your left eye</b>	<b>What did you see?</b>
Both eyes open	
Left eye closed, right eye open	
Right eye closed, left eye open	

<b>Paper tube on your right eye</b>	<b>What did you see?</b>
Both eyes open	
Left eye closed, right eye open	
Right eye closed, left eye open	