



English – Persuasive Letters

Reading

For your Reading task we would like you to conduct a 'virtual' visit to the library! Every year many of you take part in the Summer Reading challenge and this year is no different even though you can't visit. Their challenge this year can be found at <https://summerreadingchallenge.org.uk/parents-carers> Good luck and enjoy!

Writing

We are continuing with our persuasive writing this week. In order to persuade someone you need to engage with them and enable them to commit to your cause. Using your rainforest facts and knowledge use the following sentence starters to make your point in your books. At the end of the unit we will be writing a persuasive letter and these will help you. *It goes without saying... I strongly believe... Is it really worth... How could we possibly... Many people think that... It is highly important... Everyone can see that...*

Spelling

Using the homophones below write them out on a sheet of paper and turn them over to collect pairs. You can only keep the pair if you can correctly give definitions for both! Copy into your books and add in any more you can think of. We will continue with these later on in the week.

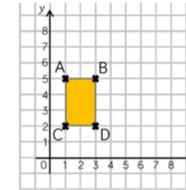
cereal	serial
father	farther
guessed	guest
morning	mourning
who's	whose

Maths

Geometry: Position and Direction - Translation with coordinates

For these tasks you will want to draw your own sets of axis in your maths book in order to complete these challenges.

Rectangle ABCD is translated so vertex C is translated to (3, 5). Describe the translation. What are the coordinates of the other vertices of the translated rectangle?



- 4 right, 2 down
- 2 left, 3 up
- 5 left, 5 down

Match the translations.

Translate the coordinates below.

(3, 6) $\xrightarrow{3 \text{ left}}$ (,) $\xrightarrow{1 \text{ up}}$ (,)

(5, 7) $\xrightarrow{2 \text{ right}}$ (,) $\xrightarrow{4 \text{ down}}$ (,)

A rectangle is translated two to the left and 4 up.

Three of the coordinates of the translated rectangle are: (6, 8) (10, 14) and (10, 8).

What are the coordinates of the original rectangle?

Create a knowledge organiser to show off your understanding of position and direction. Be sure to include key vocabulary (with the correct spelling) and plenty of examples.

Position and Direction	Knowledge Organiser	Position and Direction	Knowledge Organiser
<p>Key Vocabulary</p> <p>coordinate</p> <p>quadrant</p> <p>x-axis</p> <p>y-axis</p> <p>reflection</p> <p>mirror line</p> <p>translation</p> <p>horizontal</p> <p>vertical</p>	<p>Coordinates are a useful way to locate a position on a map or grid.</p> <p>The numbers across the horizontal line of the grid are on the x-axis.</p> <p>The numbers on the vertical line of the grid are on the y-axis.</p> <p>We always read or write the number on the x-axis before the y-axis.</p> <p>The x and y position are written in brackets with a comma.</p> <p>The coordinate of the orange spot is (3, 4).</p> <p>To help you remember which point to read or write first, simply remember to move 'along the corridor and up the stairs'.</p> <p>In other words, move on the x-axis and then move on the y-axis.</p>	<p>Reflection</p> <p>A shape is reflected when it is flipped over a mirror line.</p> <p>The reflected image is congruent to the original. This means that the measurements of the sides and angles have not changed.</p> <p>Each point of the reflected shape is the same distance from the mirror line as the original shape.</p>	<p>Translation</p> <p>In maths, translation means moving an object on a grid. The object is moved without changing the size, turning or reflecting it.</p> <p>When translating an object on a grid, it can move up or down, left or right.</p>

Theme

Last week we studied some of the Amazon life cycles. You already researched what animals and plants need to survive and the adaptations they make. Over the next few days we would like you to look at food chains within the Amazon rainforest.

<https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zwbtxsg>

Key terms to include are: Producers, Consumers (Primary and Secondary) along with examples at each stage of the food chain. Presentation of your information is up to you! We'd love to see your work, thanks to all who have sent theirs in to upperjuniors@jrj.w-berks.sch.uk

In Computing this week we would like you to refresh your Coding skills by looking at the following link <https://www.bbc.co.uk/bitesize/articles/zk7f382> Follow the activities shown (You can create the character in your books and there is a link to Online Scratch below if you'd like to continue your work.

<https://scratch.mit.edu/projects/31876/>

If you are unable to access this lesson you could design your own computer game, how many characters would you need? What is the objective of the game?

Links to support this learning	Supporting Information for parents
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English
<https://summerreadingchallenge.org.uk/parents-carers>

Maths
<https://mathsframe.co.uk/en/resources/category/446/identify-describe-and-represent-the-position-of-a-shape-following-a-reflection-or-translation-using-the-appropriate-language-and-know-that-the-shape-has-not-changed>

Theme
<https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zwbtxsg>
<https://therainforestaworldbiome.weebly.com/food-chain.html>

Maths

A knowledge organizer is a handy reference guide containing key information on a subject. It can be presented however you like but should be a mixture of text and diagrams.

English

Conjunctions you could use to extend your persuasive points include: this shows, however, as a result of, consequently, even though, furthermore, additionally, in conclusion

Theme

Computing - Here is the template for creating their own character:

Mission	Skills	Bio Name: _____ Age: _____ Description: _____
Equipment	Image	Attributes: Coordination ○ ○ ○ ○ ○ Strength ○ ○ ○ ○ ○ Ingenuity ○ ○ ○ ○ ○ _____ ○ ○ ○ ○ ○ _____ ○ ○ ○ ○ ○



