

# **Cormorant Week 15: Learning Project – Heroes and Villains**

Age Range: Y3/4

# Weekly English/Topic Tasks

Monday-. Last week you learnt about comic strips and split a famous story into 6 sections. Now it is time for you to create your own superhero. Your task is to create and draw a superhero with labels. Your labels should include information about their clothes, powers, gadgets and maybe weaknesses. Make sure that your labels are neat and use an arrow to point to the location on the diagram. Maybe design a colour scheme or a logo for your hero. Think about Superman or Wonder Women. They have their own colour scheme, powers and logo. Once you have drawn your superhero and labelled them accurately, Write a small paragraph about them. You could include information about their family, how they got their powers, why they are doing it and where they live and protect.

Tuesday- Now that you have your superhero, we need to think about the villain. As you did with the superhero above, your task is to do the same for the villain. See the tasks above to remind you.

Wednesday- Great. So now you have a superhero and a villain but without a story line. Your task for today is to create a storyline for your comic. Think about comic books or superhero films that could help you. I really like The Incredibles. It has a great storyline. See below.

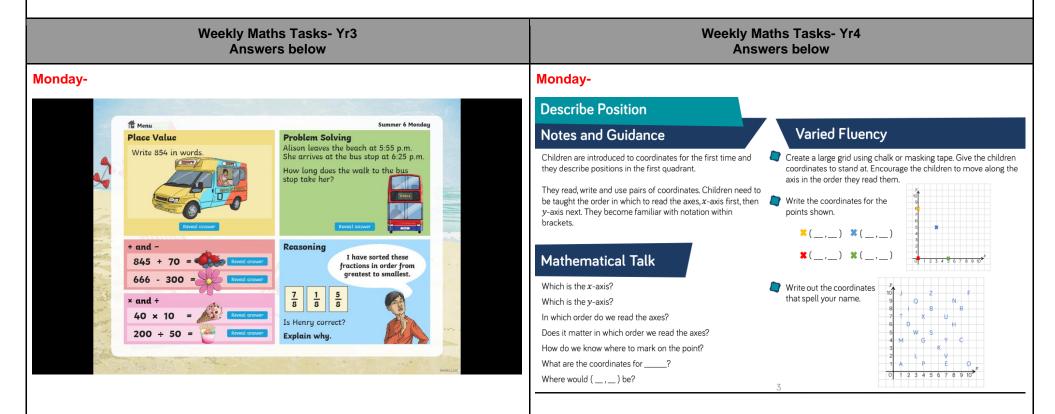
- Lots of superheroes around the word.
- A little boy who isn't a superhero but wants to be one.
- The little boy is rejected by a superhero.
- The boy grows up into a super villain.
- He captures and kills superheroes.
- In the end, he needs the superheroes to save him and the world.

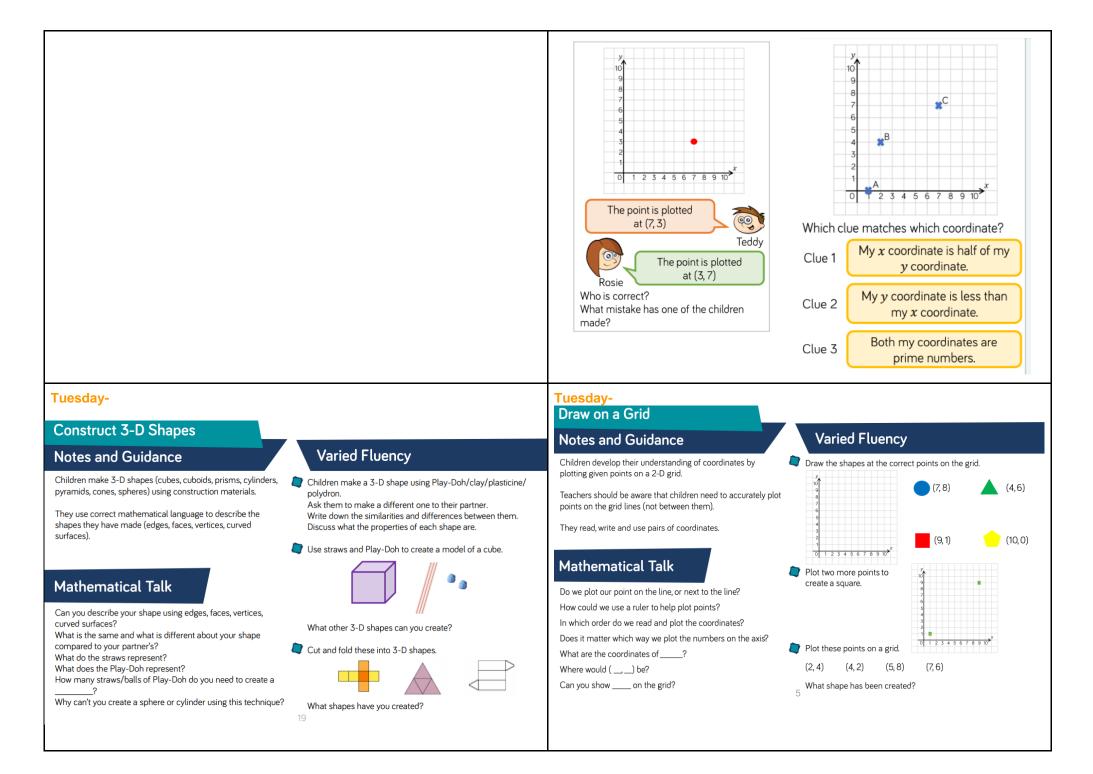
This is a fantastic storyline. I wonder how good yours will be.

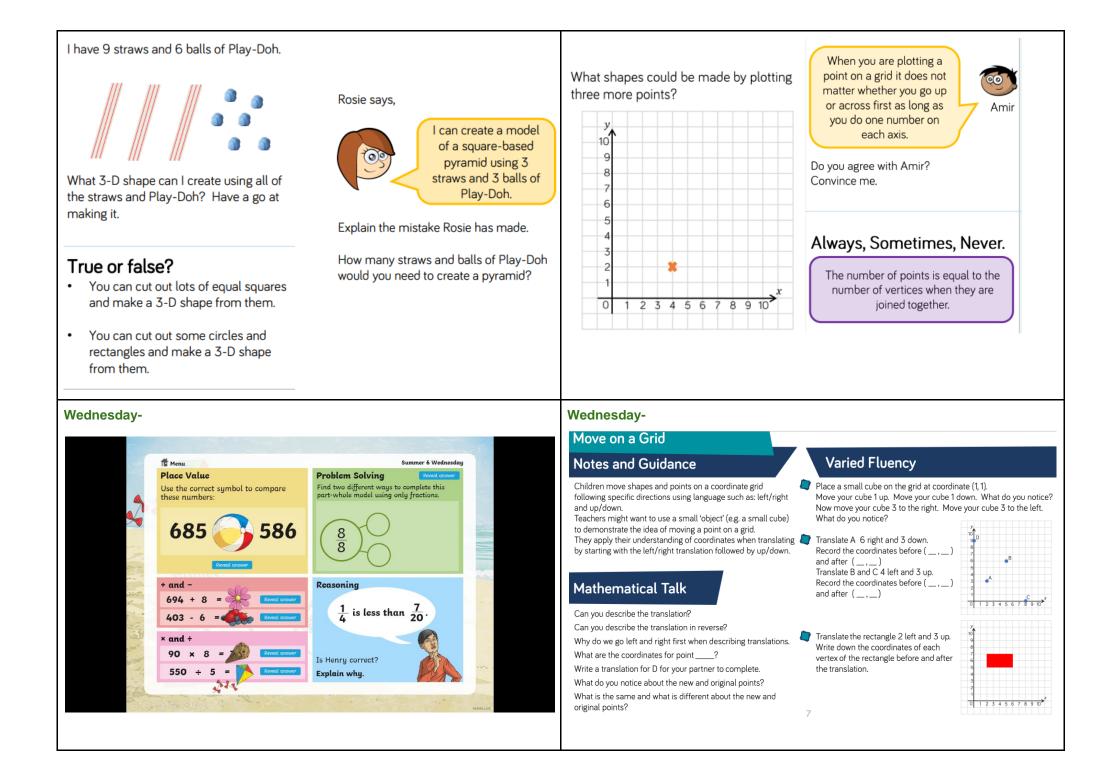
I have attached a story mountain so you can plan your story's key parts.

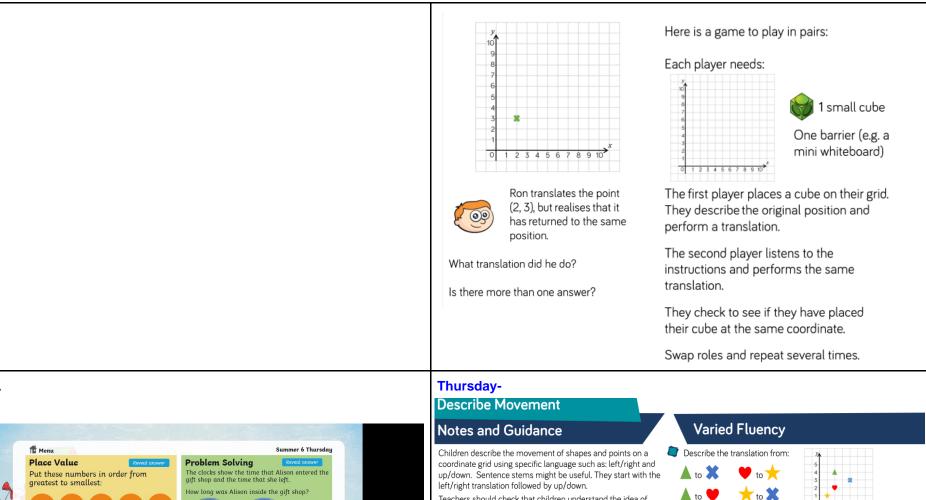
Thursday- Yesterday your task was to create a superhero storyline. You should now have a plan split into key parts on the story mountain sheet. It is time for you to complete your first draft. I would like you to write your story with as much information as you can. For example, "Turtle man walked slowly across the beach wearing a dull brown cape, shiny green leggings and a bright white mask". Hopefully this sentence paints a picture in your head of the appearance of my superhero. Be as descriptive as possible. Remember to use adverbs to describe the verb in your sentences. For example, "He turned quickly and looked worryingly at the suspicious am in the distance". In this sentence the words 'turned' and 'looked' are the verbs and the adverbs are quickly and worryingly. They tell us how he turned and how he looked.

Friday- Yesterday you started or completed your draft for your superhero story. Today is it time to finish it or edit it. I would like to you read your superhero story to someone. When we read our writing aloud, we normally find the errors. Sometimes if we do it to ourselves, our brains add in words that are not on the page. Add words or remove them as you go until you have a finished piece of writing. I would really like to see these stories so if you could send a picture to Mrs Brooks or Mrs Sanders that would be great.









Teachers should check that children understand the idea of 'corresponding vertices' when describing translation of shapes (e.g. vertex A on the object translates to vertex A on the image).

## Mathematical Talk

Can you describe the translation?

Can you describe the translation in reverse?

Can you complete the following stem sentence:

Shape A is translated \_\_\_\_ left/right and \_\_\_\_\_up/down to shape to shape A.

# 📩 to 🗶

0 1 2 3 4 5 6 7 8 9 10

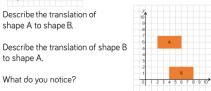
Describe the translation of shape A to shape B.

What do you notice?

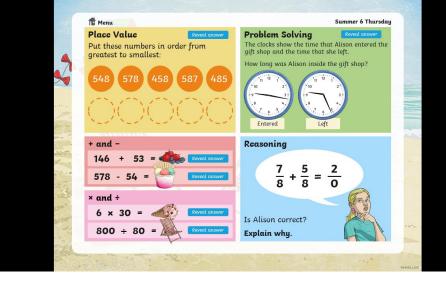
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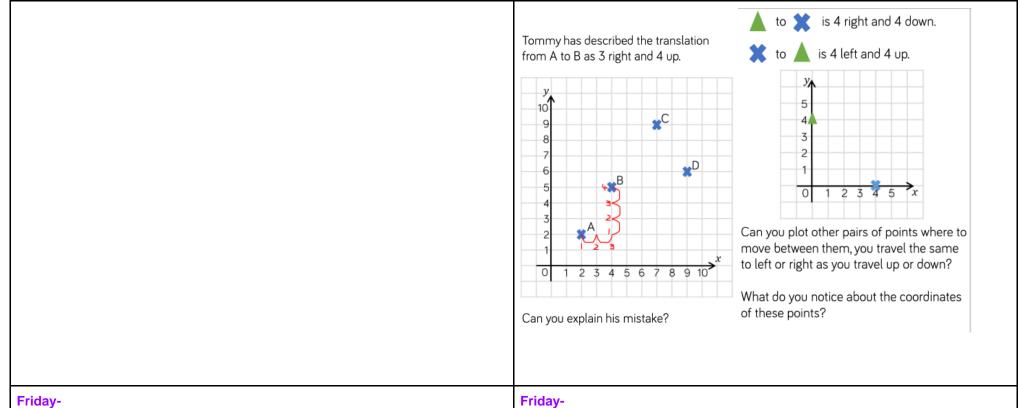
Describe the translation from: A to B B to C C to D D to A

Plot two new points and describe the translations from A to your new points.

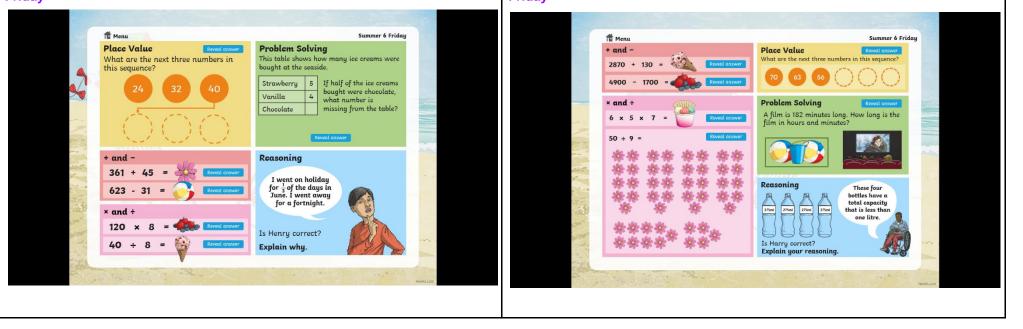


Thursday-.

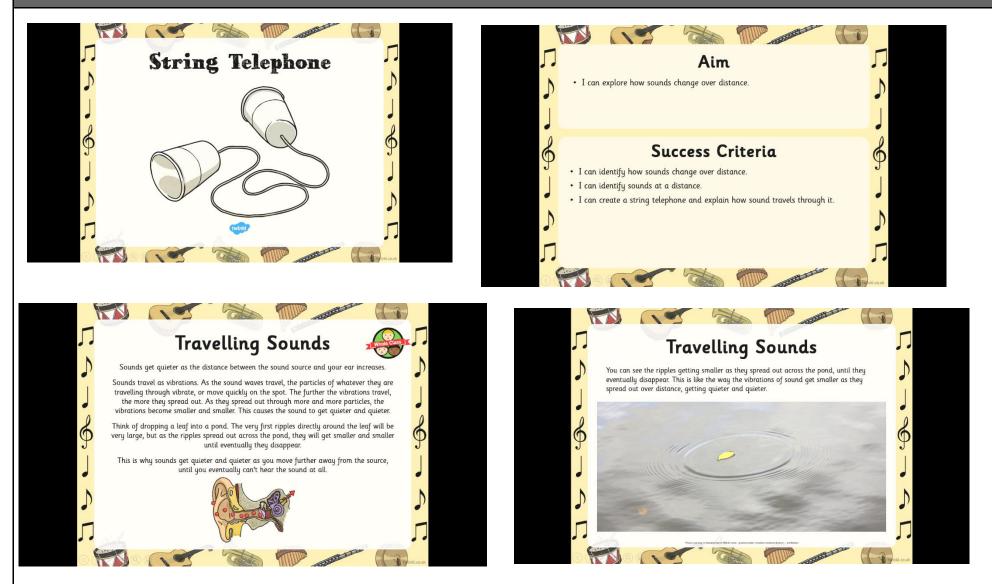








## Science Weekly project





### The activities below can be attempted over the next couple of weeks and into the summer holidays.

- <u>Transport Inventors</u> Ask your child to find out about famous transport inventors such as <u>Henry Ford</u> and <u>The Wright Brothers</u>. Create fact files about these inventors. Can your child draw a sketch of different modes of transport **then** and **now**? Can they place different modes of transport on a timeline using their invention date?
- <u>Colourful Collage</u> Ask your child to create their own transport collage. Encourage them to draw, colour or paint a variety of vehicles or make a large collage of one vehicle. Ask them to use bold colours to really make their vehicles stand out! The collage could be made using cut up squares from magazines and leaflets.
- <u>Obstacle Course</u> Ask your child to find any toy transport (cars, trains, etc) they may have at home, then they can design an obstacle course for their vehicle to travel around. This could be on a track or floor involving ramps inside or in the garden. Another idea get each family member to make a paper aeroplane and throw each one in turn and see whose travels the furthest. Ask your child to measure the lengths of the distance travelled and record these on a bar chart. *Recommendation at least 2 hours of exercise a week.*
- Let's Talk Transport -Talk as a family about transport in your life. Talk about how you get to school and work. Do you get your food delivered? Does anyone in the family operate a mode of transport? Is it their job? Discuss the first family car owned. Ask your child to mind map all of the ways your family relies on transport and then to imagine a life without it.
- <u>Transport Around the World</u> Ask your child to look at how people travel around in India. Research online for Buses, cycle-rickshaws, autorickshaws, erickshaws, tempos (big, brutal-looking autorickshaws), taxis, boats, tongas (horse-drawn carts), metros and urban trains provide transport around India's cities. Encourage them to compare this to Venice and how the people there travel around (gondola and sandolo tours all around the city). Can your child design a new vehicle suitable for each of these places thinking carefully about suitable and local materials?
- Is it a Bird? Is it a Plane? Is it a paper aeroplane- Look at this link and choose a few different paper aeroplanes to make. Which ones flies the best? Why do you think that is? Could you modify the design at all to make it even better? Then think about how you are going to test them, how you can make it a fair test, and what results you want to find. Make a chart to show your results! (This is really about enjoying making and testing the planes!)
- <u>Coming down without a bump!</u> Using everyday household objects, you need to make a parachute that works effectively. Your challenge is to make it work well enough to hold an egg and stop int from breaking when you drop it from a height (and upstairs window!) Make sure you test your parachute before you put the egg in it! (NB it's worth hard-boiling the egg first to stop it from being too messy!)



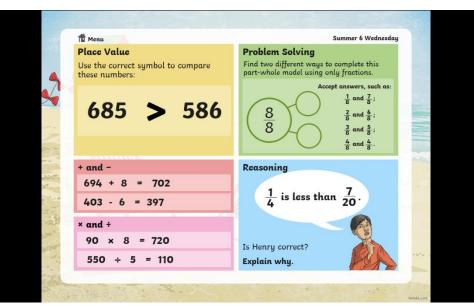
- <u>Beep beep!</u> Make a balloon powered car using the instruction <u>here</u>. Can you make the car more efficient? Can you decorate it so that it looks like a car you would like to be seen in!?
- <u>Faster Than a Speeding Bullet...Train-</u> The Shanghai Maglev, also known as Shanghai Transrapid, is currently the fastest train in the world, running between Shanghai and Beijing in China. Challenge your child to be just as speedy and complete the following 5 activities as fast as possible: Star jumps, tuck jumps, press-ups, squats and lunges. Ask them to record how many repetitions of each activity they can perform in 1 minute. Can they beat their personal best? Challenge them to record their heart rate (beats per minute) after each activity. *Recommendation at least 2 hours of exercise a week.*
- <u>Make and Do Make it Go!-</u> Support your child to try this <u>hover balloon activity</u>. You will need the following equipment: CD, bottle top with push/pull closure, like those on some sports drinks or water bottles, blu-tack or glue and a balloon. Alternatively, they could have a go at creating a <u>baking powder powered boat</u>. You will need the following equipment: empty water bottle, baking powder, kitchen roll or tissue, scissors, straw, vinegar, Sellotape. If you don't have access to this equipment, your child can watch and read about the experiments and can discuss with you their favourite, providing reasons for their opinions.

# Additional learning resources parents may wish to engage with

- CODE Maths Hub Daily Fluency Activities -
- https://www.topmarks.co.uk/maths-games/daily10 arithmetic challenges
- BBC Bitesize Lots of videos and learning opportunities for all subjects.
- <u>https://www.thenational.academy/</u> A large selection of video lessons and learning resources. These cover a range of subjects including maths, English, art and languages.
- Classroom Secrets Learning Packs Reading, writing and maths activities for different ages.
- <u>Twinkl</u> Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.

YR3 answers			YR4 answers			
	Menu Place Value Write 854 in words. eight hundred and fifty-four	Summer & Monday <b>Problem Solving</b> Alison leaves the bash at 5:55 p.m. She arrives at the bus stop at 6:25 p.m. How long does the walk to the bus top take her? <b>30 minutes or half an hour</b>	Teddy is correct. Rosie has read the <i>y</i> -axis before the <i>x</i> -axis.	Clue 1 - B Clue 2 - A Clue 3 - C		
	<pre>* and - 845 + 70 = 915 666 - 300 = 366 * and + 40 × 10 = 400 200 ÷ 50 = 4</pre>	Reasoning       I have sorted these fractions in order from greatest to smallest.         7       1         8       5         8       5         8       5         9       1         1       5         8       5         9       1         1       5         8       5         9       1         1       5				

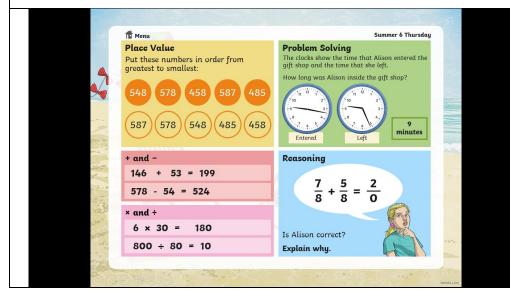
	Rosie thinks that because a pyramid has some triangular faces she will only need 3 straws/balls of Play-Doh. You would need 8 straws and 5 balls	The children could make a range of quadrilaterals dependent on where they plot the points. If children plot some of the points in a line they could make a triangle.	Amir is incorrect. The <i>x</i> -axis must be plotted before the <i>y</i> -axis. Children prove this by plotting a pair of coordinates both ways and showing the difference.
True – for example a cube. True – a cylinder.	of Play-Doh to make a square- based pyramid, and 6 straws and 4 balls of Play- Doh to make a triangle based pyramid.	make a thangle.	Sometimes. If points are plotted in a straight line they will not create a vertex.



There could be a range of answers, for example:

Translate 1 left and 1 right

Translate 1 left, l right, 2 up and 2 down



Tommy has counted one move to the right when he has not moved anywhere yet. He has done the same for one move up when he has not moved up one space yet. Possible answers include: (0,1) (1,0) (0,2) (2,0) (0,3) (3,0) (0,5) (5,0) (1,1) (3,3) (0,0) (4,4)

