

Cormorant Week 13: Learning Project – Heroes and Villains

Age Range: Y3/4

### Weekly English/Topic Tasks

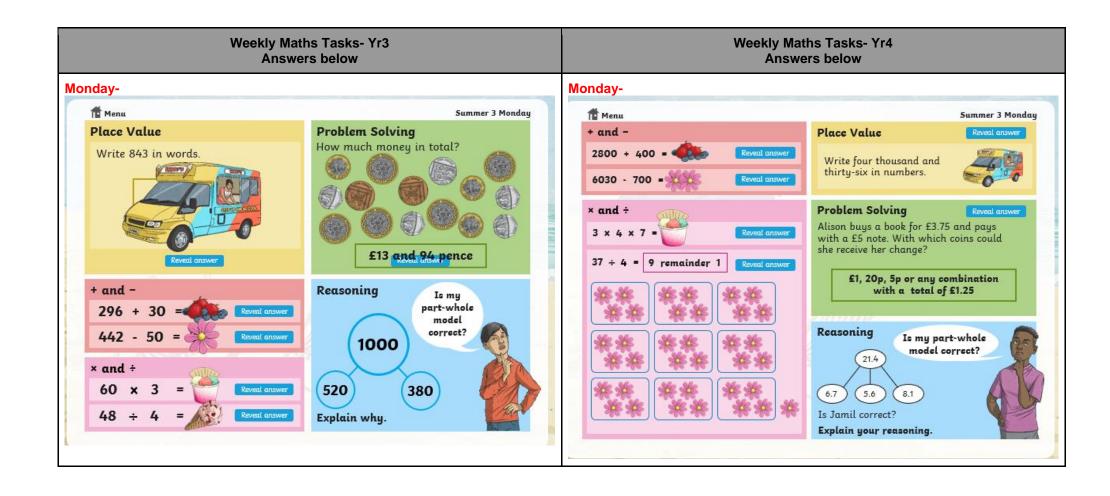
**Monday-.** Today's task is to research famous historic heroes such as Florence Nightingale, Amelia Earhart, Mother Teresa and Mary Seacole. Make a small mind map of each person with facts and information. You could include information about the dates they lived, how they made an impact on the world, the reasons they have been remembered and, finally, the heroic acts that lead to their fame.

**Tuesday-** Yesterday, you researched four very famous historic heroes. I would like you to write a fact file about two of these heroes. Imagine that you are giving this fact file to someone who has never heard of the person. It must include as much vital information as possible. You can use bullet points to layout your fact file.

Wednesday- Today I would like you to research a very controversial figure, Henry VIII. Your task for today is research why this man is famous and why. You can create a mind map if it helps you.

**Thursday-** Yesterday you researched Henry VIII and the reasons for his fame. Today I would like you to answer the following question. Was Henry VIII a hero or a villain in his own time? When you have made your decision, you need to compose an argument for your decision. This argument needs to be backed up by evidence.

Friday- Complete the comprehension paper attached. Remember to answer your questions in full sentences or else they will not be correct.



#### **Tuesday-**

#### Horizontal & Vertical Varied Fluency Notes and Guidance Children identify and find horizontal and vertical lines in a A line that runs from left to right range of contexts. across the page is called a line. They identify horizontal and vertical lines of symmetry in shapes and symbols. A line that runs straight up and down the page is called a line. Find 3 horizontal and 3 vertical lines in the classroom. Mathematical Talk Label the horizontal and vertical lines in each of these images. What can you use to help you remember what a horizontal line looks like? (The horizon) Can you see horizontal and vertical lines around the Sort the shapes/symbols/letters depending on whether they classroom? have a horizontal line of symmetry, a vertical line of symmetry What do we call a line that is not horizontal or vertical? or both Which shapes/symbols/letters have a horizontal/vertical line of symmetry? Which have both? Can you draw your own shape that has a horizontal and vertical line of symmetry?

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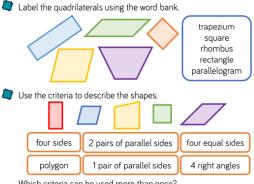
**Tuesday-**

Complete each of the boxes in the table with a different quadrilateral.

	4 equal sides	2 pairs of equal sides	1 pair of parallel sides
4 right angles			
No right angles			

Which box cannot be completed? Explain why.

### Varied Fluency



Which criteria can be used more than once? Which shapes share the same criteria?

Draw and label:
• a rhombus.
• a parallelogram.
• 3 different trapeziums

#### You will need:

Some 4 centimetre straws Some 6 centimetre straws

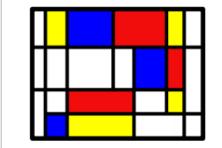
How many different quadrilaterals can you make using the straws?

Calculate the perimeter of each shape.

Horizontal line of symmetry	Vertical line of symmetry	Horizontal and vertical lines of symmetry
		☆₽

Eva completes the table by drawing shapes.

Can you spot and correct her mistake?

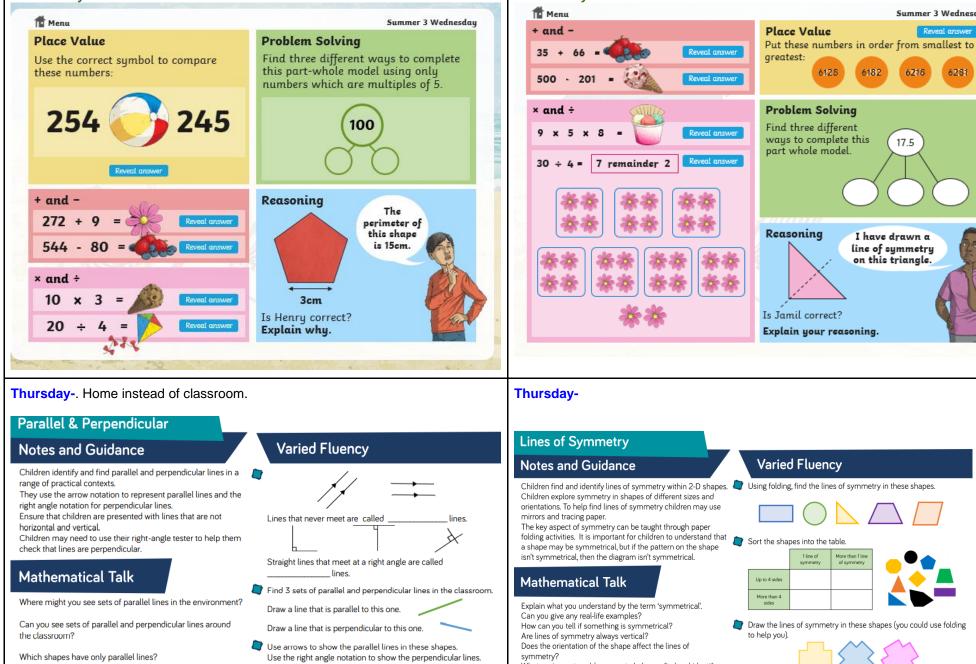


How many horizontal and vertical lines can you spot in this image by Mondrian?

Create your own piece of art work using only horizontal and vertical lines.

I**Y-**

#### Wednesday-



Which shapes have perpendicular lines? Which shapes have both parallel and perpendicular lines?

What equipment could you use to help you find and identify lines of symmetry?

What would the rest of the shape look like?

Wednesday-

#### Varied Fluency

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Summer 3 Wednesday

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17.5

I have drawn a

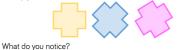
line of symmetry on this triangle.

Reveal answer

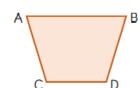
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Draw the lines of symmetry in these shapes (you could use folding to help you).



## True or False?



Line AB is parallel to line CD. Line AC is parallel to line BD. Line AC is perpendicular to line CD.

Redraw the shape so that line BD is perpendicular to line CD.

#### These lines are NOT parallel.



Convince me.

Mark 3 sets of parallel lines and 3 sets of perpendicular lines in this flag.

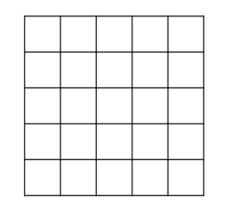


Design your own flag containing parallel and perpendicular lines.



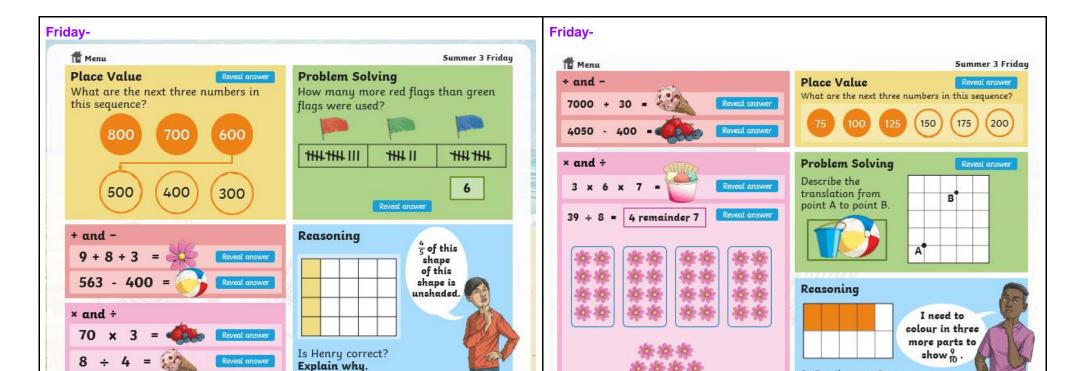
A triangle has 1 line of symmetry unless you change the orientation.

How many symmetrical shapes can you Jack change the make by colouring in a maximum of 6 squares? Is Jack correct? Prove it.

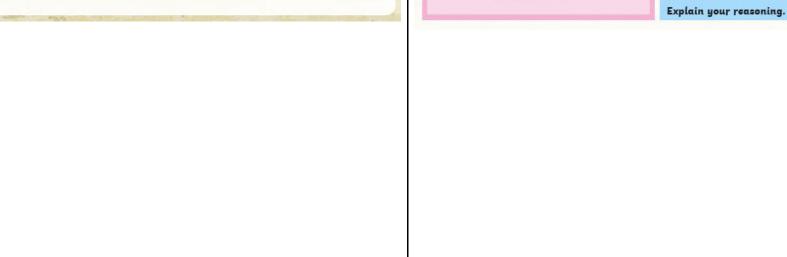


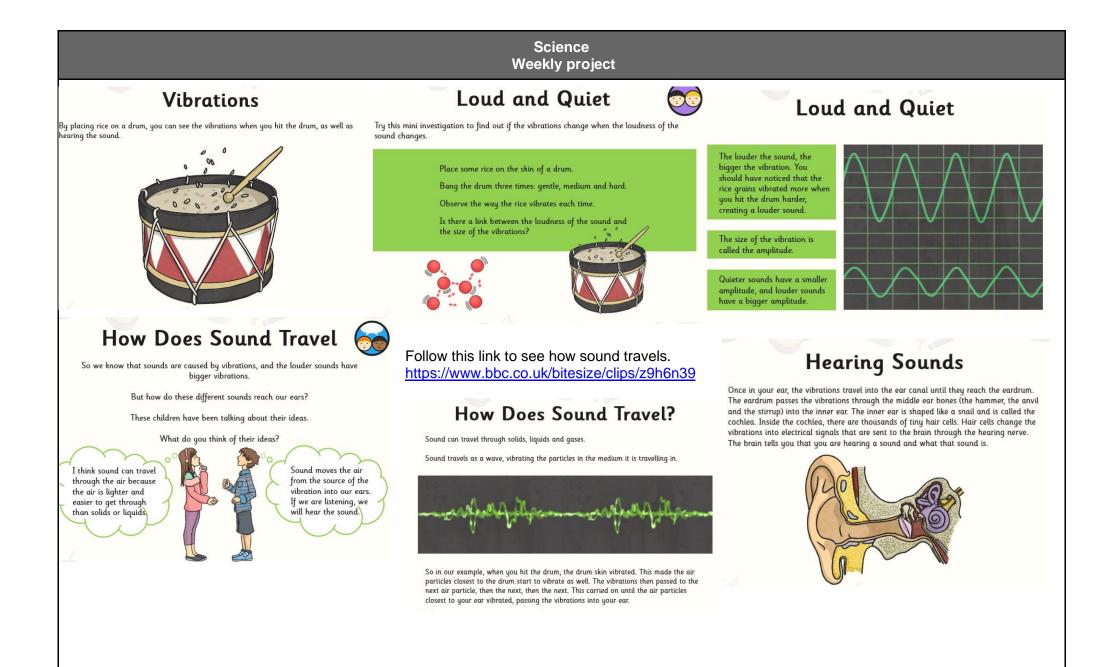
## Always, Sometimes, Never.

A four-sided shape has four lines of symmetry.



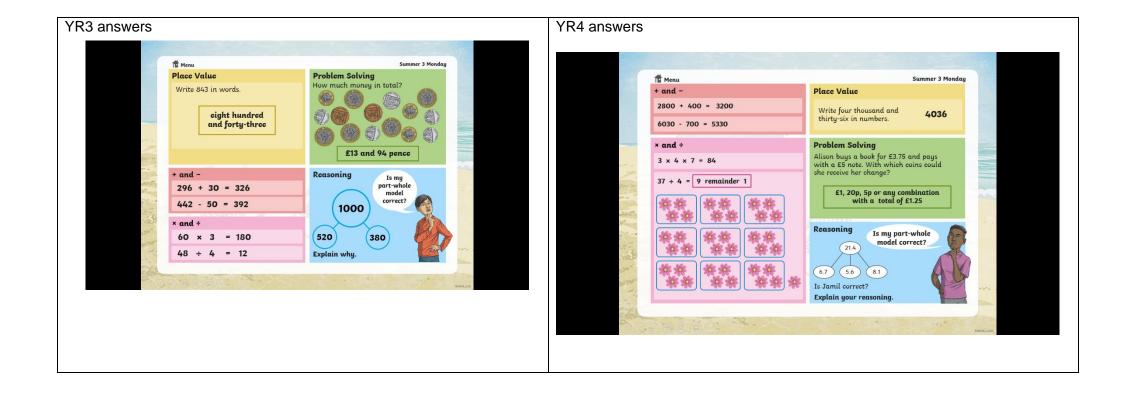
Is Jamil correct?



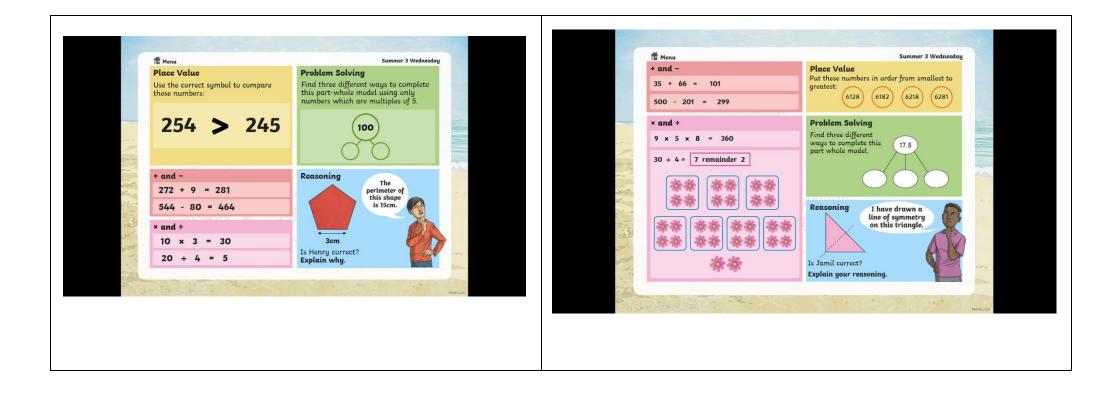


### Additional learning resources parents may wish to engage with

- CODE Maths Hub Daily Fluency Activities -
- <u>https://www.topmarks.co.uk/maths-games/daily10</u> 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.
- <u>Classroom Secrets Learning Packs</u> 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.



Eva thinks the star has both lines of symmetry, but it only has a vertical line of symmetry.	There are 5 horizontal lines and 8 vertical lines.	4 equal sides2 pairs of equal sides1 pair of parallel sides4 right anglesImage: ImageImage: ImageImage: Image: ImageNo right anglesImage: ImageImage: ImageImage: Image: Image: Image: Image: Image: Image: Image: Image: 	Square: Four 4 cm - perimeter is 16 cm or four 6 cm- perimeter is 24 cm Rectangle: Two 4 cm and two 6 cm- perimeter is 20 cm Rhombus: Four 4 cm - perimeter is 16 cm Four 6 cm straws- perimeter is 24 cm Parallelogram: Two 4 cm and two 6 cm - perimeter is 20 cm Trapezium: Three 4 cm and one 6 cm- perimeter is 18 cm	
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#### True False

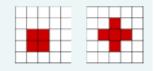
## False

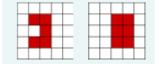




There are a variety of options. Some examples include:

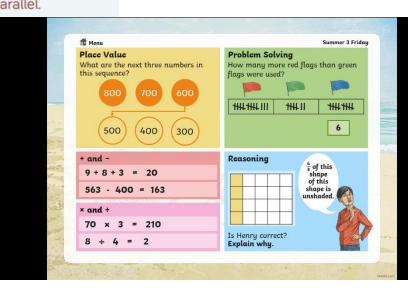


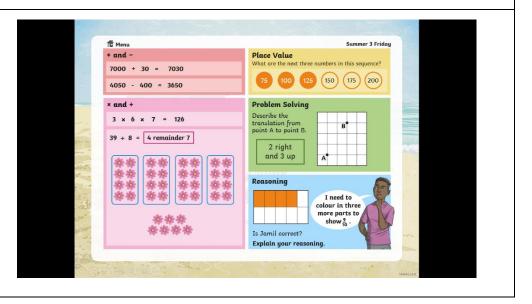




Jack is incorrect. Changing the orientation does not change the lines of symmetry. Children should prove this by drawing shapes in different orientations and identifying the same number of lines of symmetry.

Sometimes, provided the shape is a square.





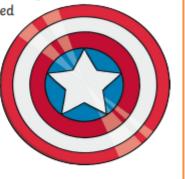
Children can draw and continue the lines to show that they will eventually meet so are not parallel.

# **Superheroes**

#### **Captain America**

Captain America's real name is Steven Rogers. He drank a special liquid, which gave him his super powers, and made a promise to use his abilities to look after his country. His powers include super strength, extremely

high intelligence, incredible speed and super-fast reactions. He is also skilled at martial arts and exercises daily to keep himself as fit and healthy as possible.



His uniform is blue, red and white and he carries a round shield. There is a capital 'A' on his helmet.

#### Wonder Woman

Wonder Woman's powers come from Greek gods. She was given strength from Demeter, the ability to communicate with animals from Artemis, wisdom from Athena and the powers of super speed and flight from Hermes.

Her bracelets can block weapons and her lasso can trap people into telling the truth. She wears a tiara as her true identity is Princess Diana of the Amazon Island, Themyscira. Her tiara is very sharp and can be used as a weapon.

Wonder Woman has had many enemies including Dr Cyber and Angle Man.



#### Hulk

The Hulk's real name is Robert Bruce Banner. He was trying to save someone's life when he was caught in an explosion, transforming him into an incredibly powerful creature known as the Hulk.

In his superhero state, he has unbelievable physical strength, which grows depending on how stressed or angry he becomes. He turns green, can travel long distances due to limitless strength in his legs, and strikes his hands together to create shock waves which can deafen people, put out fires or send objects flying through the air. He can survive extreme temperatures, explosions, diseases and poisons and his body can repair itself. The Hulk can even breathe underwater.

#### George Major

George Major may not be able to fly, but many believe that he is a hero.

George was only six years old when he was diagnosed with a serious disease. He was told he would have to make regular trips to hospital. Even though he was very ill, he decided that he wanted to make a difference and started fundraising to improve the children's room at the Royal Berkshire Hospital. With the help of his family, George set up the George's Marvellous Medicine Fund and through hosting tea parties, running competitions and auctions, £8,000 was raised to make the improvements. The room now has toys, board games, a games console and new furniture to make children's time in hospital more enjoyable. Funds also meant that new medical equipment could be bought.

With the support of his family, £10,000 has also been raised for a children's cancer charity. At the age of seven, George was given the award of 'Your Fundraiser of the Year' at the Pride of Britain Awards.

## Superheroes **Questions**

- 1. What is Captain America's real surname?
- 2. How do you think Captain America uses his powers?
- 3. Think of two reasons why Captain America might need his shield.

- 4. How did George and his family raise money for the hospital?
- 5. Can you think of another way to raise money?
- 6. What does Wonder Woman wear which gives a clue about her true identity?
- Which Greek god gave Wonder Woman the ability to be able to communicate with animals?
- 8. List three of the Hulk's super powers.

9. Which fact tells us that Captain America is very loyal to his country?

10. Who is the best hero in the fact file? Explain your reasoning.

## Superheroes Answers

1. What is Captain America's real surname?

Captain America's real surname is Rogers.

- How do you think Captain America uses his powers?
   Answers may include: rescuing people from danger, helping people in need, solving problems the country might be having, or anything similar.
- Think of two reasons why Captain America might need his shield.
   Own answers. Examples may include: Protection against weapons, to throw at enemies etc.
- How did George and his family raise money for the hospital? Money was raised by hosting tea parties, running competitions and auctions.
- 5. Can you think of another way to raise money? Own answers. Examples: sponsored silence, name the teddy bear, bake sale etc
- 6. What does Wonder Woman wear which gives a clue about her true identity? The tiara gives a clue about Wonder Woman's true identity. She is Princess Diana of the Amazon Island, Themyscira.
- Which Greek god gave Wonder Woman the ability to be able to communicate with animals? Artemis gave Wonder Woman the ability to communicate with animals.
- 8. List three of the Hulk's super powers.

Examples will include three of the following: physical strength which grows depending on how stressed or angry he becomes, he turns green, he can travel long distances as he has limitless strength in his legs, he can strike his hands together to create shock waves which can deafen people, put out fires or send objects flying through the air, he can survive extreme temperatures, explosions, diseases and poisons, his body can repair listeft and he can breathe underwater.

- Which fact tells us that Captain America is very logal to his country? Captain America made a promise to use his skills to look after his country.
- 10. Who is the best hero in the fact file? Explain your reasoning.

Own answers and reasoning.