



Birches First School
Believe, Grow, Succeed



School Closure Home Learning Year 2 Daily Tasks

Thursday 30th April 2020 (Summer Term, Week 2 - Day 4)



Happy Birthday
Captain Tom Moore!

Maths Task (Geometry – Properties of shape):

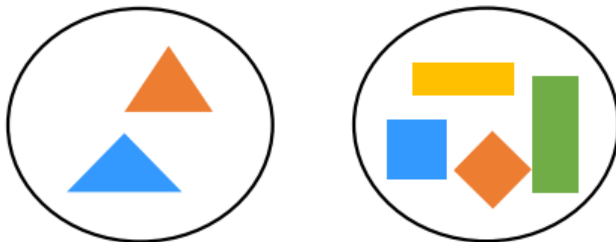
Sort 2D shapes/ Patterns with 2D shapes -

We can use the properties we have learnt to sort the 2D shapes. Remember to think about everything we have learnt about 2D shapes – lines of symmetry, names of the shapes, vertices, sides and regular/ irregular shapes.

We can use a venn diagram or a table to help us sort the shapes. In a venn diagram each circle represents a different group/ category/ criteria so where the circles overlap it means that the circles.

Task:

1. How have these shapes been sorted?

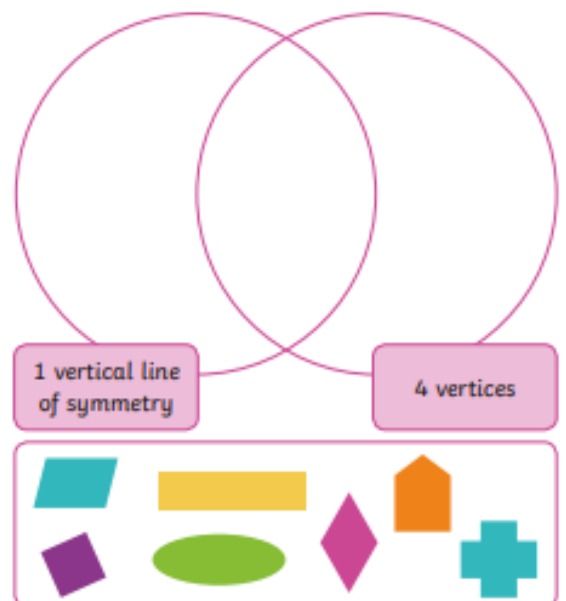


2. Oh no! Some paint is covering a shape draw a shape in the table. What shape could it be?

	Vertical Line of Symmetry	No Vertical Line of Symmetry
Fewer than 5 Sides		
More than 4 Sides		

3.





Sort these 2D shapes using the Venn diagram.





4. Whitney sorted her shapes by the number of sides. What shapes could belong to each group?


4 sides	Not 4 sides

5. Which of the following shapes could be hidden?

	Regular	Irregular
6 or More Vertices		
Fewer than 6 Vertices		

A. 

B. 

C. 

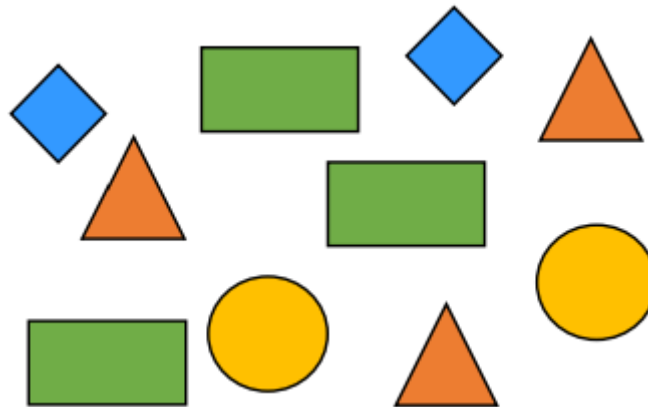
Draw two other shapes that could be hidden by the paint.



Challenges: Investigation time!



How many different ways can you arrange these shapes to make a repeating pattern?



Reading Task (Vocabulary):



Habitat: Oceans and coral reefs.

Diet: Small crabs, scallops, snails, fish, turtles and crustaceans such as shrimp. They are carnivores.

How it Survives: By catching prey with its arms, biting it with its beak to poison and paralyse it, before sucking out the flesh.

Amazing Fact: Octopuses have three hearts and blue blood.



Habitat: Oceans and some lakes.

Diet: Small fish, fish eggs, crustaceans and plankton. They are carnivores.

How it Survives: Its prey gets caught in its tentacles and is stung with a paralyzing poison before it is eaten.

Amazing Fact: Jellyfish have been around for over 650 million years, making them older than dinosaurs!



Habitat: Shallow, tropical waters in coral reefs.

Diet: Tiny plankton and crustaceans, such as shrimp. They are omnivores.

How it Survives: A seahorse needs to constantly eat to survive. Adults can end up eating 30-50 times a day.

Amazing Fact: The male seahorse gives birth to their young. They are the only species to do this.



Habitat: Oceans, coral reefs and tidal pools.

Diet: Clams, mussels, oysters, algae and seagrasses. They are omnivores.

How it Survives: They usually eat prey that are slower-moving than themselves.

Amazing Fact: Some varieties of starfish have a lot more than 5 arms. The sunflower sea-star has up to 40 arms!



Habitat: Warmer waters of oceans. They come to the coasts in winter.

Diet: Shrimp, squids, crustaceans and krill. They are mostly carnivores.

How it Survives: Humpback whales only hunt and feed in summer and live off their fat reserves in winter.

Amazing Fact: The blue whale's call is the loudest sound made by any animal on Earth.



Habitat: All oceans.

Diet: Fish, squid and crustaceans. They are carnivores.

How it Survives: Herding their prey and trapping them is a technique used by pods of dolphins.

Amazing Fact: Dolphins sleep with one eye open so they can watch out for predators.



Habitat: Most places in the ocean.

Diet: Fish, squid and even other sharks. They are carnivores.

How it Survives: Sharks have an amazing sense of smell that helps them detect a single drop of blood in an Olympic-sized pool.

Amazing Fact: Sharks can also detect electric signals from its prey. This means it can mistake underwater cameras for food.



Habitat: Seashores, caves, in sand or mud of oceans and on land.

Diet: Algae, molluscs, worms and bacteria. They are omnivores.

How it Survives: Crabs may fight with each other in competition for a hiding hole or cave.

Amazing Fact: A crab's shell is actually its skeleton.

Create your own glossary - write the definition (meaning) of any words you do not know the meaning of. You may need to use a dictionary or online dictionary for some of the words.

This may include: habitats, diet, carnivores, omnivores, species, survive, predators and skeleton.

Writing/ SPAG Task:



Task: Draw a story map to show how the girl ended up here.

Example:



Challenge: Use conjunctions or time words on the arrows to help link sentences together.

