



Birches First School

Believe, Grow, Succeed



School Closure Home Learning Year 2 Daily Tasks

Friday 1st May 2020 (Summer Term, Week 2 - Day 5)



Maths Task (Geometry – Properties of shape):

Describing Movement –

We can use the language 'forwards', 'backwards', 'up', 'down', 'left' and 'right' to describe movement in a straight line. We do this when we are giving directions. You need to think about the way that the shape is facing.

Task:

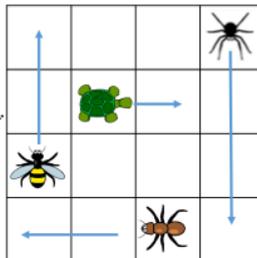
1. Complete the stem sentences to describe the movements made.

The  has moved 1 square _____.

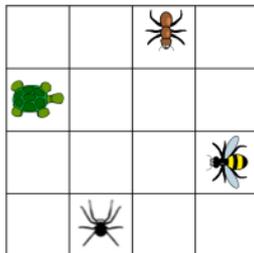
The  has moved ___ squares _____.

The _____ has moved 2 squares up.

The _____ has moved ___ squares down.



- 2.



Record these movements on the grid using arrows.

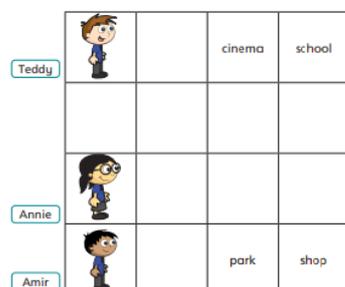
The  moves 1 square right.

The  moves 3 squares forward.

The  moves 1 square down.

The  moves 1 square up.

3. Annie, Teddy and Amir are moving on a grid.



- a) Amir moves 2 squares forwards.

Where does Amir end up?

- b) Annie moves 3 squares forwards and 2 squares left.

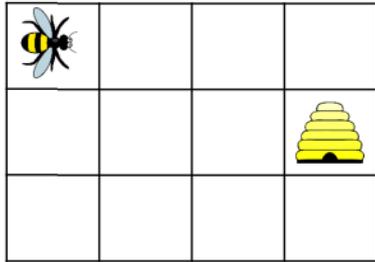
Where does she end up?

- c) Teddy needs to get to the shop.

How could he get there?

4. How many different routes can you write for the bee to get to the hive?

Use the words forwards, backwards, left and right.



Challenge – have fun!!



Give directions to a grown-up or sibling using the key words below to move from one position to another. You could do a short route or direct them from one room to another.

'Forwards', 'backwards', 'up', 'down', 'left' and 'right'

Remember to be specific with your instructions – if you want them to travel forwards, how far forwards or they may end up walking into a door!!!

You could put picture on the floor that you want them to travel through – or avoid!

An extra Maths challenge:

A TTRockstars battle has been set up between children at Birches and the children at St Nics for today between 10am and 5pm. The more you play, the more points you get for our school. You can log in using your Numbots log in. Have fun! Go Birches!

Reading Task (Comprehension):



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.

Complete the questions below in your home learning book.

Questions

1. What do **octopuses** have? Tick **one**.

- They have one heart and red blood.
- They have three hearts and blue blood.
- They have been around for over 650 million years.

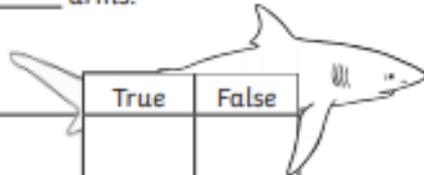


2. Fill in the missing words.

Some varieties of **starfish** have a lot more than _____ arms. The sunflower sea-star has up to _____ arms.

3. True or false? Tick the correct column

	True	False
Sharks eat plants.		
Sharks have a superb sense of smell.		
Sharks only live in shallow, tropical waters in coral reefs.		



4. What is special about a **crab**'s shell?



5. What is a group of **dolphins** called? Tick **one**.

- flock
- herd
- pod

6. **Find** and **copy** an adverb which tells us how often **seahorses** need to eat.

Writing/ SPAG Task:



Task: Use your story map from yesterday to help you write a story about how the girl ended up here and what she did when she was here. Use all of the skills we have been working on over the past few weeks. Remember to include a setting description when she gets here – you need to include expanded noun phrases to describe. I have included a checklist below (we have worked on all of these skills):

Correct punctuation	
Expanded noun phrases (2A sentences with comma)	
Past tense (-ed endings)	
Range of conjunctions (e.g. but, although, if, when etc.)	
Time openers (e.g. first, next, then, after that etc.)	
Variety of sentence openers	
Commas for a list	
Appropriate adjectives	
Cursive handwriting	
Setting description	
Clear structure (beginning, middle, end)	
Questions with question marks	

I would love to read some of your stories. Ask your grown-ups to send them to me to read.