

Mossbourne Riverside Academy  
 Home Learning Key Stage 1 (Years 1 & 2)  
 Date: Friday 26th June 2020 (Week 14)



For each Maths and Literacy task there are generally 2 options. Please choose the option you feel is most suitable for your child and their stage of development/year group. If there is a worksheet provided and you do not have access to a printer, please ask your child to copy out the worksheet onto any type of scrap paper (envelopes, old cards, cereal boxes etc).

### Suggested Daily Timetable

Time	Activity
07:30 – 08:30	Get dressed – Time to get ready for your day. Get dressed, have breakfast and brush your teeth
08:30 – 09:00	"Walk to school" – use this time to exercise or take a look at the MRA website and select the work you will be completing for the day
9:00 – 9:30	P.E - complete a P.E activity, eg. Watching Joe Wicks or Cosmic Yoga on YouTube, playing in your garden or completing the '1 minute challenge' - choose an activity (star jumps, tuck jumps, squats, lunges, running on the spot, stretching high then touching the floor etc) and see how many you can do in 1 minute, then do it again and try and beat your score!
09:30 – 10:00	Literacy - Take a look at your homework that was sent to you by your teacher. Work on the activity set for today. Make sure to use the resources and useful links provided to help you
10:00 – 10:30	Break time – Have a snack and a drink
10:30 – 11:30	Maths activity – Take a look at your homework that was sent to you by your teacher. Work on the activity set for today. Make sure to use the resources and useful links provided to help you
11:30-12:00	Quiet reading time – choose a story to read to yourself quietly or watch a story on YouTube.
12:00 – 13:00	Lunch
13:00 – 13:30	Free time/playtime
13:30 – 14:15	Topic/Spanish activity – Homework provided by teacher
14:15 – 15:00	Creative activity – visit the MRA website and select an activity that you would like to do or draw a picture, design and build a junk model
15:00 – 15:30	Home time exercise activity - P.E - complete a P.E activity, eg. Watching Joe Wicks or Cosmic Yoga on YouTube, playing in your garden or completing the '1 minute challenge' - choose an activity (star jumps, tuck jumps, squats, lunges, running on the spot, stretching high then touching the floor etc) and see how many you can do in 1 minute, then do it again and try and beat your score!

# Monday

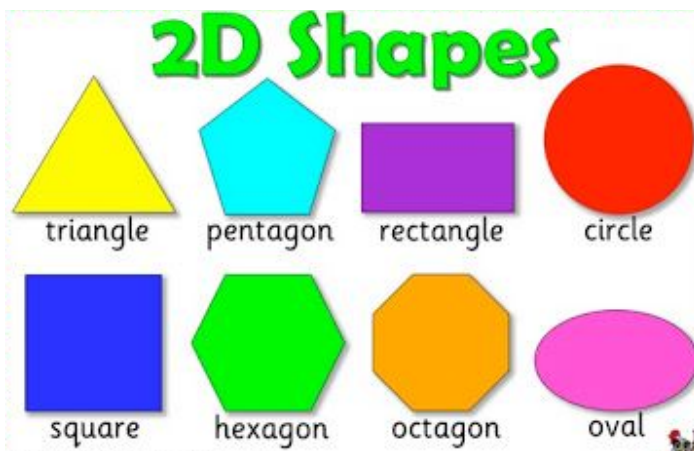
## Maths

### Task : Symmetry

This week's maths tasks will be focussed around symmetry! Watch this BBC Bitesize video to give you an understanding of symmetry and lines of symmetry.

<https://www.bbc.co.uk/bitesize/clips/ztpyr82>

**Option 1:** Which of these shapes can you fold exactly in half? If you have a piece of paper to hand, you could cut out the shapes and do it practically. If not, you could place a ruler or pencil across the shape and see if it can look exactly the same on both sides (that it is halved equally).



**Option 2:** What shapes can you fold in half both horizontally and vertically? Can you think of any other symmetrical objects eg. animals?

**Challenge:** Can you make a symmetrical pattern out of 5 objects? 6 objects? Why/why not? Prove it! You could draw dots or use objects from around the home.

### Parental guidance:

Children generally find symmetry quite a tricky concept. Encourage your child by emphasising that for an object/picture to be symmetrical, it must look exactly the same on both sides of the line of symmetry. Remind children that lines of symmetry can be both vertical or horizontal.

## Literacy

**Reading:** Every day – choose a book to read to your grown up, and choose a book for your grown up to read to you! Pay attention to the ‘how’ and ‘why’ questions that your grown up will ask you from your list of comprehension questions to use with any story (see last week).

**Phonics starter:** If you are in a RWI phonics group, visit the school website, choose your phonics set and join in with your phonics lesson.

**Literacy game:** This week, we have come across this fantastic game to help motivate children to read and practise their phonics. It gets harder and harder - from matching sounds to reading tricky sentences! The game takes children on a magical journey, meeting colourful characters along the way. Find it here (it is free on a computer only, not available on tablet devices): <https://www.teachyourmonstertoread.com>

### **Task: To identify the 4 layers of the rainforest**

Literacy this week is a nonfiction week about **rainforests**. This means everything you learn, read about and write is based on real facts and not your imagination.

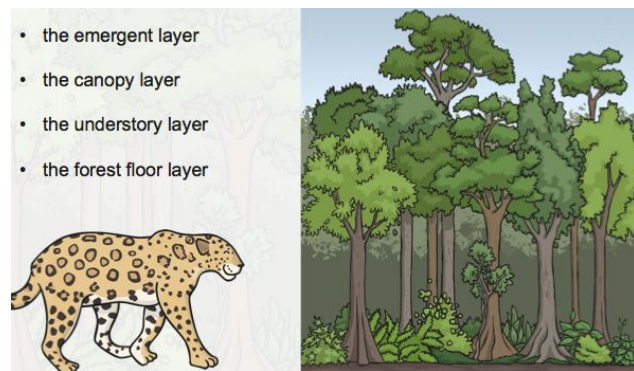
Take yourself to a rainforest! This video takes you flying over a rainforest in South East Asia:

<https://www.youtube.com/watch?v=5JDocMmxLOo>

Have a read of this webpage, with a particular focus on the section ‘What are the different layers of the rainforest called?’: <http://www.primaryhomeworkhelp.co.uk/rainforest.html>

**Option 1:** Draw a picture of the rainforest, labelling each layer with ‘emergent’, ‘canopy’, ‘understory’ and ‘forest floor’. Describe the 4 layers of the rainforest to a grown up. What is it like? Is it light/dark? What might you find in each layer? You will revisit your picture tomorrow.

**Option 2:** Using full, written sentences, describe the 4 layers of the rainforest. Include the facts you’ve learnt. For example, “The forest floor is dark and damp because it doesn’t get much sunlight.”



**Parental guidance:** We will be looking at animals in each layer tomorrow. Today’s focus is on the light and the names of the layers. Whilst the rainforest webpage is child-friendly, your child may need support to access the information on the website and help with pronouncing any tricky vocabulary.

# **PSHE**

## **Task: To research Midsummer's Day - 24th June**

Midsummer is a celebration of the longest day of Summer. Many people, for example in Scandinavia, celebrated 'midsommar' over last weekend.

Have a look at this information and record 5 facts about Midsummer!

<https://www.science-sparks.com/what-is-the-summer-solstice/>

<https://www.youtube.com/watch?v=SVzkVsWQBR8>

<https://www.almanac.com/content/first-day-summer-summer-solstice>

In your facts, you could include:

What does it mean?

Is it on the same day every year?

How do people celebrate?

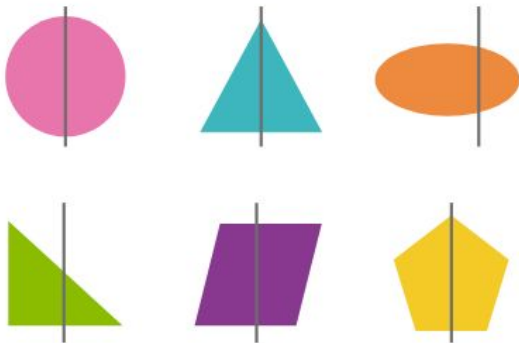


## **Tuesday**

# **Maths**

## **Task: Lines of Symmetry**

**Option 1:** Tick the shapes with a correct line of symmetry.



**Option 2:** How many lines of symmetry do each of these shapes have?



**Challenge:** Which shape goes in each part? Can you think of one more shape for each part?

	vertical line of symmetry	no vertical line of symmetry
3 sides		
more than 3 sides		

**Challenge 2:** Which shape is in the wrong set? Why?

Vertical line of symmetry	No vertical line of symmetry

**Parental guidance:** Here are some question prompts to help your child understand symmetry:

What does vertical/horizontal mean?

How do you know the line of symmetry is in the right place?

Can you tell just by looking? If not, what could you use to help you?

## Literacy

**Reading:** Every day – choose a book to read to your grown up, and choose a book for your grown up to read to you! Pay attention to the ‘how’ and ‘why’ questions that your grown up will ask you from your list of comprehension questions to use with any story.

**Phonics starter:** If you are in a RWI phonics group, visit the school website, choose your phonics set and join in with your phonics lesson.

### **Task: To identify the animals that live in the different rainforest layers**

Have a look at these websites where you can find some interesting facts about animals that live in the rainforest!

<https://www.activewild.com/rainforest-layers/>

<https://www.youtube.com/watch?v=DgU7gsBOhUI> - 25 Facts about the Rainforest video

<http://www.primaryhomeworkhelp.co.uk/rainforest.html> - ‘Who lives here?’ for each layer

**Option 1:** Go back to your rainforest picture from yesterday. Add any animals to the correct layers of your picture and label them. Eg. You could add a sloth to your canopy layer.

**Extension:** Write a list of animals that live in each layer, using commas in the correct places.

**Option 2:** Using full, written sentences, describe the animals you might find in the 4 layers of the rainforest. For example, “Most of the plants and animals live in the canopy layer because there is food and shelter. Some animals that live here are sloths and frogs.” You could draw some of the animals you’ve discovered.

**Parental guidance:** Your child may need support to access some of the vocabulary or to see where exactly on the web page to find the relevant information.



## Art

### Task: To create a piece of art using pointillism

Pointillism is an art technique which uses small dots of colour to make a picture. There are lots of ways you can create Pointillism - cotton buds, the end of a pencil, the end of a paintbrush, or even a felt tip pen. Choose a rainforest animal and create a picture of it using the pointillism technique.

If you would like some further inspiration, here's a video all about pointillism (only the first 3 minutes are relevant - there is no need to watch beyond that). <https://youtu.be/D4hgKPX6d68>

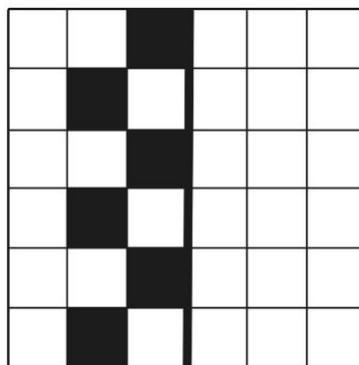
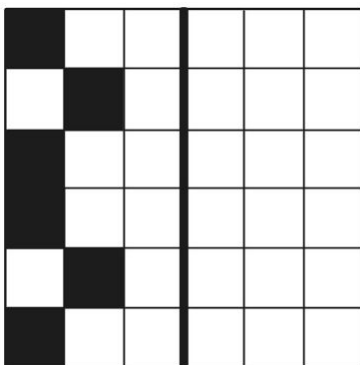


## Wednesday

## Maths

### Task: Symmetry

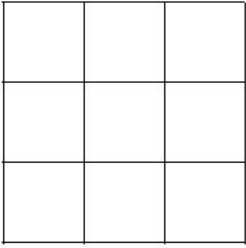
**Option 1 & 2:** Complete the pictures by shading the squares in. Ensure they are symmetrical (they must be the same on both sides of the line, a mirror image!)



**Challenge:** Systematically explore different ways of shading whole squares in this grid to make symmetrical



designs. How many symmetrical designs can you make? You may need to draw out a new grid to keep exploring your options!



**Parental Guidance:** Children may need to use a small mirror or piece of card/paper to act as the line of symmetry so they can clearly visualise the other side.

## **Literacy**

**Reading:** Every day – choose a book to read to your grown up, and choose a book for your grown up to read to you! Pay attention to the ‘how’ and ‘why’ questions that your grown up will ask you from your list of comprehension questions to use with any story.

**Phonics starter:** If you are in a RWI phonics group, visit the school website, choose your phonics set and join in with your phonics lesson.

### **Task: To describe a senses walk through the rainforest**

For this task, think about everything you know about rainforests so far. You could revisit some of the videos we’ve come across this week. Imagine you are walking through the forest floor and the understory layer of the rainforest. Tell me what you can imagine. Be careful what you taste - make sure it’s not poisonous!

**Option 1:** Complete these sentences:

I can hear \_\_\_\_\_.

I can smell \_\_\_\_\_.

I can feel \_\_\_\_\_.

I can see \_\_\_\_\_.

I can taste \_\_\_\_\_.

**Option 2:** Take me on a journey through the rainforest. Describe what you can see, hear, smell, feel and taste. For example, “I have to pick my way slowly and carefully through the thick plants. All around me, I can hear leaves rustling and birds screeching.”





**Parental guidance:** If your child is in the early stages of writing development, encourage writing with the use of 'fred fingers' which the children are very familiar with. Words do not need to be spelt correctly if they are phonetically plausible. Encourage at least 2 different things to go with each sense.

## **Science**

### **Task: To classify animals of the rainforest**

<https://www.bbc.co.uk/bitesize/articles/z4svgwx> - This website has some excellent videos to show you how scientists can sort animals into different groups based on their features.

All animals within the same group have similar things in common such as being warm-blooded or cold-blooded!

The rainforest animals below can be divided into 4 categories. Can you put each animal below into the correct category based on their features?

- Amphibians
- Birds
- Mammals
- Reptiles



## Thursday

### Maths

#### Task: Symmetry in flags

**Option 1 & 2:** Have a look at flags from around the world. Which ones have a line of symmetry? Do any of the flags have more than one line of symmetry?



**Challenge:** Can you design your own symmetrical flag? It must have at least one line of symmetry!

## Literacy

**Reading:** every day – choose a book to read to your grown up, and choose a book for your grown up to read to you! Pay attention to the ‘how’ and ‘why’ questions that your grown up will ask you from your list of comprehension questions to use with any story.

**Phonics starter:** If you are in a RWI phonics group, visit the school website, choose your phonics set and join in with your phonics lesson.

### **Task: To write a fact file about the rainforest**

You can either choose an animal that lives in the rainforest, or a rainforest as a whole.

**Option 1:** Write a fact file about an animal that lives in the rainforest. Include diet, habitat and appearance. You can use the template below:

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**Option 2:** Write a fact file about the rainforest. Don't forget to use subheadings to group your ideas! Your subheadings could be:

What is special about rainforests?

What is the climate like in the rainforest?

Where in the world are rainforests found?

What are the 4 layers of the rainforest?

What plants and animals can be found in each layer?

**Parental guidance:** Ask your child to read their sentences out to you. Often, it is only when children read aloud that they can spot their mistakes or whether the sentence makes sense. If something doesn't sound right, encourage your child to work out their own errors and fix them.

## **History**

**Task: To research the Wright Brothers**

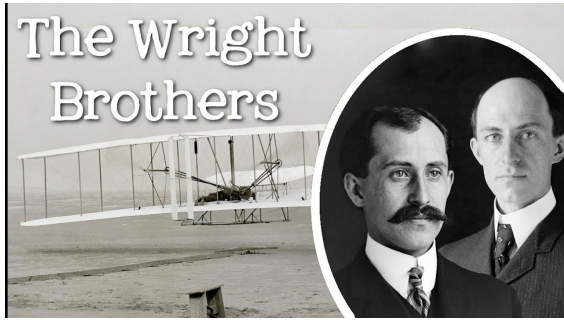
The Wright Brothers were two American aviation pioneers who achieved the first ever aeroplane flight!

Read the following article <https://www.history.com/topics/inventions/wright-brothers> and watch the following video [https://www.youtube.com/watch?v=YDlk4Ky\\_ahs](https://www.youtube.com/watch?v=YDlk4Ky_ahs) to find the answers to the questions below:

- When and where did the Wright Brothers achieve the first successful flight?
- How did they figure out how to design the wings for flight?
- What was the airframe made out of?

- How long did the first flight last?

Your answers can be verbal, or written down.



## Friday

### Maths

#### Task: Maths Meeting

At school we have a maths meeting every morning. Using your time and calendar practise from this week, and using objects you have at home, try to recreate your own maths meeting. You could perform this maths meeting to a sibling, parent or even your toys! Here are some top tips for your maths meeting:

1. Always use My Turn Your Turn when giving your audience the answer. You say the answer with your hand pointing to your chest, then point your hand at the audience for them to repeat the answer.
2. Always give your audience a question for each sentence. Question starters may include: 'What is...?' 'How many...?' 'Can you...?'
3. Don't forget to include the songs:

*We're going to the maths meeting...*

*Days of the week...*

*We are number bonds...*

*It's all about the money...*

*Fractions....*

*Zero the hero...*

*Finish the pattern....*

*I want to be a circle...*

*Secret number...*

### **Parental guidance:**

The children are very familiar with a maths meeting and what it should look like. They should be able to access this task independently once it has been explained. Miss Rollin has done a home maths meeting which is available on our website for inspiration!

## **Literacy**

**Reading:** Every day – choose a book to read to your grown up, and choose a book for your grown up to read to you! Pay attention to the ‘how’ and ‘why’ questions that your grown up will ask you from your list of comprehension questions to use with any story.

**Phonics starter:** If you are in a RWI phonics group, visit the school website, choose your phonics set and join in with your phonics lesson.

### **Task: Record your own documentary about rainforests**

Sir David Attenborough is one of the world’s most famous broadcasters and natural world historians. He has recorded many documentaries about the natural world, including this one on rainforests:

<https://www.youtube.com/watch?v=um2Q9aUecy0> - David Attenborough narrates an episode of Our Planet, ‘Jungles’. It’s long - don’t feel you need to watch it all! It’s to give you an idea of

Your task is to become your very own David Attenborough and narrate a short film, using your fact file from yesterday.

**Option 1:** If you have a device available, ask your grown up to record you as you narrate your very own documentary. You could film it as an interview where your grown up asks you questions, or you can say your facts from your fact file.

**Option 2:** If you do not have a device, write out some questions that an interviewer might ask you if they wanted to know more about the rainforest. Practise role-playing them with a grown up as the person interviewing you. Be prepared with your facts to answer the questions!

**Parental guidance:** Encourage your child to answer the questions using super sentences, referring back to the facts they’ve learnt this week about the rainforest or their animal.

## **Geography**

### **Task: To identify where food comes from**

Have you ever stopped to think about the food in your kitchen, and where it comes from? Food doesn’t just come from the supermarket, it has often had to travel a very long way! For example, these sugar snap peas have come all the way from Guatemala. Most food packaging lists where the item was made/grown.



Your task is to look in your fridge/kitchen and see if you can find out where your food comes from. Once you've found the country, locate it on a map. Is it far away or local? Does any of your food come from a rainforest area?