



Victoria Dock Primary School Home Learning Plan



Year 3

Week Commencing 28th September



As your child is absent from school at the moment, please read the following information and links in order for your child to continue their education until they can return to school. These resources are aligned with the teaching taking place in school and wherever possible video links and additional instructions are given to help support your child. All completed work should be returned to school when your child returns. It will then be looked at by school staff following a quarantine period.



Year 3 Maths – Online Learning		
Place Value		
Lesson	Video Link	Worksheet
Lesson 5 100s, 10s and 1s (1)	https://vimeo.com/454674396	https://resources.whiterosemaths.com/wp-content/uploads/2020/09/Y3-Autumn-Block-1-WO3-100s-10s-and-1s-1-2019.pdf
Lesson 6 100s, 10s and 1s (2)	https://vimeo.com/454674658	https://resources.whiterosemaths.com/wp-content/uploads/2020/09/Y3-Autumn-Block-1-WO4-100s-10s-and-1s-2-2019.pdf

Lesson 7 Recap Number line to 100	https://vimeo.com/454674857	https://resources.whiterosemaths.com/wp-content/uploads/2020/08/Y2-Autumn-Block-1-WO-Number-line-to-100-2020.pdf
Lesson 8 Number line to 1,000	https://vimeo.com/454675110	https://resources.whiterosemaths.com/wp-content/uploads/2019/07/Y3-Autumn-Block-1-WO5-Number-line-to-1000-2019.pdf

Writing

This week in class we will be starting to write a narrative. We are looking at the story ‘The owl who as afraid of the dark’. We are developing different sentence structures and using different vocabulary.

Day	Learning Objective	Task
 <p style="text-align: center;">DAY 1 ★ Owl research day</p>	To research the common barn owl.	<ul style="list-style-type: none"> • Watch videos and discuss the barn owl’s appearance, behaviours, habitat, diet, feeding patterns etc. • Collect a big bank of vocabulary and create a mind map or fact file. <p>https://www.barnowltrust.org.uk/barn-owl-facts/ https://www.barnowltrust.org.uk/owl-facts-for-kids/</p>
 <p style="text-align: center;">DAY 2 Ⓢ Plop afraid of the dark</p>	To write effective sentences for our story.	<p>Steps to Success:</p> <ol style="list-style-type: none"> 1. Preposition & adjective 2. Contraction 3. Dialogue <p>For example:</p> <ol style="list-style-type: none"> 1. High up in a leafy canopy, Plop the owl was sharing his worries with his Mum.

			<ol style="list-style-type: none"> 2. "I don't want to be a night bird," said Plop. 3. "The dark is nasty," he whispered. "You don't know that," replied Mum. "You need to find out more about the dark before you make up your mind." 	
		<p>To write effective sentences for our story.</p>	<p>Steps to Success:</p> <ol style="list-style-type: none"> 1. Adverb 2. Dialogue 3. Verb starter <p>For example:</p> <ol style="list-style-type: none"> 1. "Go and ask that little boy down there," added Mum. <u>Nervously</u>, Plop took a deep breath and flew down. 2. "How do you feel about the dark?" asked Plop. "The dark is exciting because we can watch dazzling fireworks. Will you come to the display tonight?" 3. Arriving back at the nest, Plop asked his parents to take him to the show. 	
		<p>To experience a fireworks display.</p>	<p>Watch a firework display on YouTube. 'indoor firework'- mix paint with Alka-Seltzer. Talk about the sights and sounds (fireworks + night sky) and gather vocabulary for the working wall. Add onomatopoeic words. e.g. whizz. Collect alliterative phrases. e.g. sudden, shudders of shimmering starlight.</p>	

Reading/Phonics

This week we are continuing to read our class book 'The Firework Maker's Daughter'.
We will be finishing chapter one and looking at the characters.

If you do not have the book, I have attached a text and some questions for you to answer.
I would also like you to read a book for pleasure. Tell me about the book. For example, a book review or a character profile of your favourite character.

Katherine Johnson

Katherine Johnson is regarded as a very significant figure in recent history. She is unique not only because she was a woman working in a male-orientated job, but because she was African-Caribbean too. At the time Katherine was working for NASA, black people were still being treated very poorly and as if they were not equal. She was a pioneer not just in her job but in showing what women and black people could do.



Early Life and Education

Katherine Johnson was born in 1918 and lived in West Virginia. Early on in her life, Katherine's skill with numbers and mathematics was clear. At 18 years old, she went to West Virginia State College, studying mathematics and French. She graduated with the highest honours possible in 1937 and began to teach in a school in Virginia.

In 1939, Katherine was considered so skilled in mathematics that she was one of only three black students chosen to attend West Virginia University. In the early 1900s, it was uncommon for women to go to university and is was even more rare for a black woman to go to university.

Katherine took a break from her studies to bring up her family (three daughters), then returned to teaching.

Career

In 1952, she found out that NACA (the National Advisory Committee for Aeronautics) had jobs available in their computing department. This was her chance to be involved in something new and exciting.



Katherine began work in the office in 1953. She impressed



Katherine began work in the office in 1953. She impressed her boss, Dorothy Vaughan, so much that within two weeks of starting her job, she had been asked to work on a special project on space flight research. Her job was to study data from a test flight into space, and to investigate a plane crash that had occurred due to turbulence.

In 1957, Katherine's life and career changed when Russia launched a satellite called Sputnik into space. America began to take space travel much more seriously and NACA became NASA (National Aeronautics and Space Administration).

From then, Katherine was asked to use her amazing mathematical skills for complex calculations and research. It became clear that Katherine had a talent for celestial navigation (plotting and directing a route through space) and she plotted the path for America's first human spaceflight in 1961. This was a huge responsibility: if her calculations were wrong, the astronauts could die.

During her successful career with NASA, Katherine co-wrote 26 scientific papers and calculated paths for space shuttles and emergency return directions. Thanks to her incredible work, she is regarded as a pioneer in space science and computing. In 1986, after 33 years working with NASA, Katherine Johnson retired.

Awards

In 2015, Katherine Johnson was awarded the Presidential Medal of Freedom by Barack Obama, the US president of the time. These medals are given to people who have been especially helpful to the people of America and America's progress in the world.

In 2016, a building at NASA was named after her. When she attended the opening of the building, she received a Silver Snoopy Award, which are given to those who have made an outstanding contribution to flight safety and mission success.

Tricky

1. WHERE was Katherine born?
2. WHAT does NASA stand for?
3. EXPLAIN WHY Katherine was awarded the Presidential Medal of Freedom.
4. WHAT was unusual about Katherine going to West Virginia State College? Use evidence from the text to support your answer
5. WHEN did Katherine begin working for NASA?
6. EXPLAIN in your own words why Katherine is such a positive role model.

Trickier

1. WHAT was Katherine awarded with in 2016?
2. EXPLAIN why it was important that Katherine's calculations at NASA were correct.
3. WHEN did Katherine begin working for NASA?
4. WHAT was unusual about Katherine going to West Virginia State College? Use evidence from the text to support your answer.
5. WHEN did Katherine graduate from university?
6. EXPLAIN in your own words why Katherine is such a positive role model.

Trickiest

1. FIND and copy a word which means the same as leader.
2. WHAT did Katherine study at West Virginia State College?
3. WHAT was unusual about Katherine going to West Virginia State College? Use evidence from the text to support your answer.
4. HOW did Katherine's life change once Russia launched Sputnik into space? Use evidence from the text to support your answer.
5. WHO awarded Katherine with the Presidential Award of Freedom?
6. Explain in your own words why Katherine is such a positive role model.

Book Review

Book Title: _____

Author: _____

Fiction or Non-fiction: _____

Who would you recommend the book to? Why?

What is the book about?

Book
Illustration

Rating: 

Can you write three facts you have learnt or three things you have learnt about one of the characters?

1. _____
2. _____
3. _____

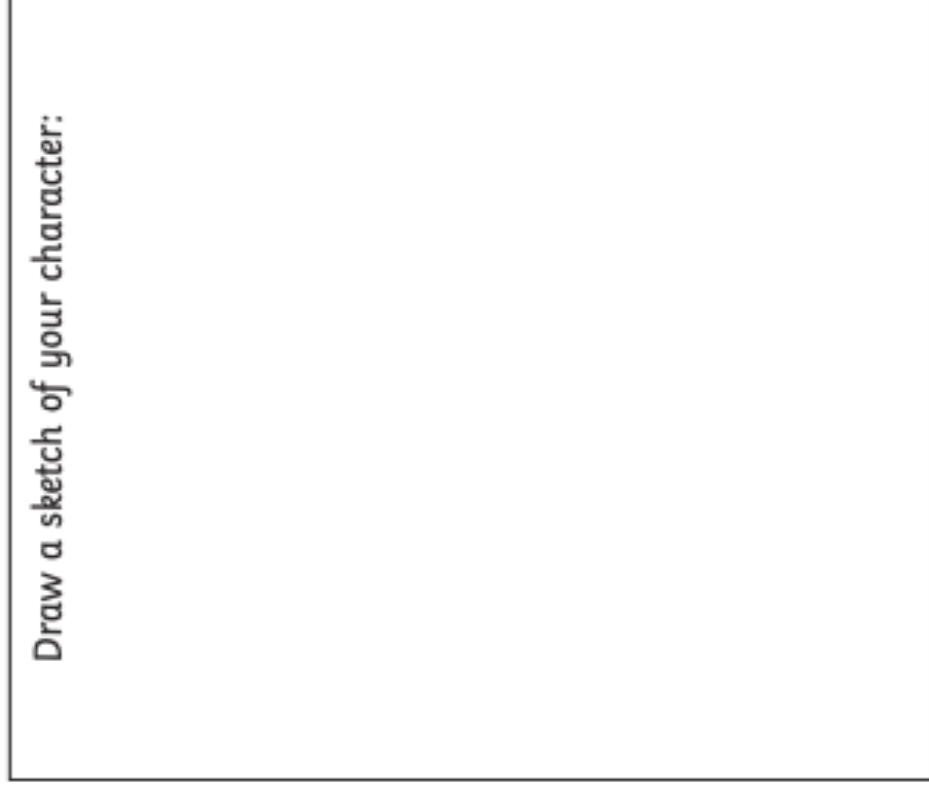
Character Profile

Character name

Appearance:

Personality:

Draw a sketch of your character:



Actions: What does your character **do** in the story?

Change:

Other Subjects

Geography – layers of the earth. After last week's playdoh activity, we are creating a fact file for what we have learnt. You could research some more facts for this. BBC bitesize is great for this. For example: <https://www.bbc.co.uk/bitesize/clips/zwwxn39>

Jigsaw – In jigsaw this week, we are discussing rewards and consequences.

Look at the scenarios below and discuss the following:

- The responsible and irresponsible choices that could be made in each situation.
- The consequences of those choices
- The feelings of the people in the scenario depending upon the choice

Choose one scenario. For that scenario they need to think of some appropriate rewards if the person makes a responsible choice and some consequences, they think are fair if the person chooses to be irresponsible.

Draw out that both rewards and consequences should be realistic and proportionate, perhaps by giving some exaggerated examples of inappropriate rewards/consequences e.g. Given a games console, a trip to Florida/ loss of play time for the year etc.

Art – We are looking at colour mixing to create artwork for a natural disaster. We are only using the primary colours, white and black. I have attached a colour mixing chart and some ideas below.

** If you are unable to access resources and would prefer a paper copy of these instructions please contact the school office.

Jigsaw

Aman

Aman's teacher has told everyone to work quietly at their tables. Aman has a very funny joke and wants to tell the everyone in his group.

What should Aman do?

Zara

Zara doesn't get along with a girl called Crystal who is in her year group. That evening Zara gets an unkind text message about Crystal that she finds funny. The message comes from a girl who Zara really wants to be friends with.

What should Zara do?

Jacob

Jacob and Sunni have been best friends since they started school. This year Sunni has made friends with another boy in class and doesn't spend as much time with Jacob. Jacob is feeling left out.

What should Jacob do?

Art

