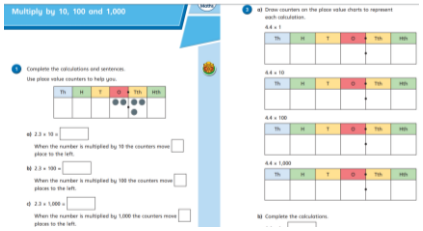
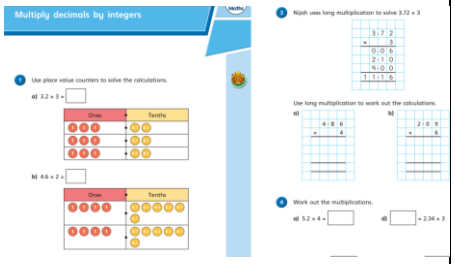
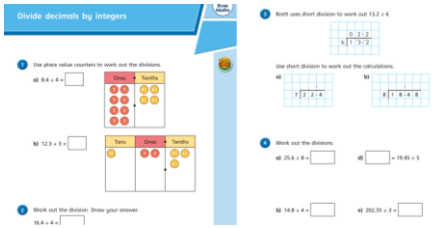
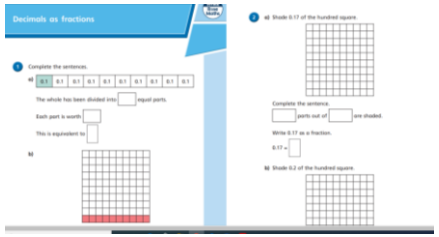
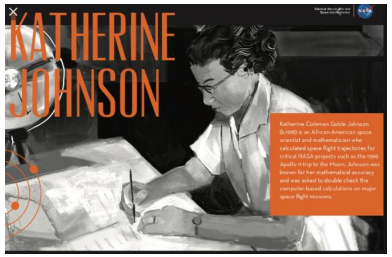
Year 6 Home Learning
w/c 1st June2020

	SPaG	Reading	Literacy	Maths	Topic/Science
Monday	Grammar task- what are paragraphs? https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/z9n73k7 Spelling activity - Complete the activity on Seesaw for the word prejudice.	This week we are going to set you another reading challenge to complete. Below is the silver challenge. Try to complete at least one of the challenges each day. Complete the different activities and send us some pictures on seesaw of your reading achievements!	Today, we would like you to complete your draft of your next paragraph. This paragraph should include details of her life achievements and why she is such an inspiration to many. See the example below. **NASA Pioneer** In 1958, after NACA was reformulated into the National Aeronautics and Space Administration (NASA), Johnson was among the people charged with determining how to get a human into space and back. The following year she remarried, to decorated Navy and Army officer James A. Johnson. For Johnson, calculating space flight came down to the basics of geometry: "The early trajectory was a parabola, and it was easy to predict where it would be at any point," she said. "Early on, when they said they wanted the capsule to come down at a certain place, they were trying to compute when it should start. I said, 'Let me do it. You tell me when you want it and where you want it to land, and I'll do it backwards and tell you when to take off .' " As a result, the task of plotting the path for Alan Shepard's 1961 journey to space, the first in American history, fell on her shoulders. The next challenge was to send a man in orbit around Earth. This involved far more difficult calculations, to account for the gravitational pulls of celestial bodies, and by then NASA had begun using electronic computers. Yet, the job wasn't considered complete until Johnson was summoned to check the work of the machines, providing the go-ahead to propel John Glenn into successful orbit in 1962. While the work of electronic computers took on increased importance at NASA, Johnson remained highly valuable for her unwavering accuracy. She performed calculations for the historic 1969 Apollo 11 trip to the moon, and the following year, when Apollo 13 experienced a malfunction in space, her contributions to contingency procedures helped ensure its safe return. Johnson continued to serve as a key asset for NASA, helping to develop its Space Shuttle program and Earth Resources Satellite, until her retirement in 1986.	https://whiterosemaths.com/homelearning/year-6/ Week 5 Lesson 1 - Multiply and divide by 10, 100 and 1000 Watch the video carefully to get the information and instructions. Then go to Seesaw and complete the task that it available for you.  	Science- Light This week we are learning how we see. Use the links below to complete the research and then fill in the sheet that is prepared for you on Seesaw. https://www.ducksters.com/science/sight_and_the_eye.php https://kidshealth.org/en/kids/eyes.html https://www.natgeokids.com/uk/discover/science/general-science/human-eye/
Tuesday	Grammar task- Ellipses	Have a go at another reading	Today we would like you to draft your next paragraph: later life. Remember to	https://whiterosemaths.com/homelearning/year-6/	Science- Light Now that you have

	https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zpgjy4j Spelling activity - Complete the activity on Seesaw for the word privilege.	challenge - remember to send us some photos!	include factual information and remember to keep referring to your steps to success and your biography key features mat to support you. See example below. **What Did She Do After NASA?** Katherine Johnson worked for NASA for more than 30 years. She retired in 1986. During retirement, she enjoyed traveling, playing card games, and spending time with her family and friends. She also liked to talk to students about school. She encouraged students to keep studying and to work hard. She told them to learn more about math and science. And she said to never give up on their dreams! **How Long Did Katherine Johnson Live?** Katherine Johnson was born in 1918 in West Virginia. She died on Feb. 24, 2020. She was 101 years old.	Week 5 Lesson 2 - Multiply decimals by integers Watch the video carefully to get the information and instructions. Then go to Seesaw and complete the task that it available for you.  	completed your response on the activity sheet, practice filming yourself explaining your research. Practice reading out the information in a clear voice and send it through Seesaw for us to watch. 
Wednesday	Grammar Task - hyphens and dashes https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zg8gbk7 Spelling activity - Complete the	Have a go at another reading challenge - remember to send us some photos!	Today you need to polish and edit your work. Check you have completed each of your paragraphs and remember to use your steps to success and tick off what you have included. If you can see there is something you haven't included, edit your work today to include it now. Remember to share your finished biographies!	https://whiterosemaths.com/homelearning/year-6/ Week 5 Lesson 3 - Divide decimals by integers Watch the video carefully to get the information and instructions. Then go to Seesaw and complete the task that it available for you.	Topic See information sheet below. https://www.youtube.com/watch?v=zIHJRrMaGZY https://www.youtube.com/watch?v= VeypRifYOY https://www.youtube.

	activity on Seesaw for the word profession.				com/watch?v=TI20MjEWzU0 
Thursday	Grammar task- bullet points https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/z2yydxs Spelling activity - Complete the activity on Seesaw for the word programme.	Have a go at another reading challenge - remember to send us some photos!	Today and tomorrow, we would like you to create a poster to advertise the importance of a female NASA mathematician during the 1950's. Use the research you have already gathered to help you create your poster. Remember, this would have been created during the 1950's so it needs to include relevant information. See an example below and have a go! 	https://whiterosemaths.com/homelearning/year-6/ Week 5 Lesson 4 - Decimals as fractions Watch the video carefully to get the information and instructions. Then go to Seesaw and complete the task that it available for you. 	Topic See information sheet below. https://www.youtube.com/watch?v=zIHJRrMaGZY https://www.youtube.com/watch?v= VeypRifY0Y https://www.youtube.com/watch?v=TI20MjEWzU0

					
Friday	Grammar task- what is an adverb https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zgsgxfr Spelling activity - Complete the activity on Seesaw for the word pronunciation.	Have a go at the final reading challenges for this week - remember to send us some photos!	Complete your women at NASA poster - remember to post your finished work to seesaw!	https://whiterosemaths.com/homelearning/year-6/ Friday challenge Watch the video carefully to get the information and instructions. Then go to Seesaw and complete the task that it available for you.	Topic See information sheet below. https://www.youtube.com/watch?v=zIHJRrMaGZY https://www.youtube.com/watch?v= VeypRifY0Y https://www.youtube.com/watch?v=TI2OMjEWzU0 

hcat hull collaborative academy trust

UK

USA

6. Read a book for 15 minutes each day for 4 days.

3. Follow a recipe and make something delicious!

2. Explore Jacqueline Wilson Town! Read an extract and complete an activity.

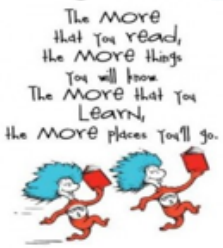
1. Read this book about New York City. Make a list of 10 interesting things to see there.

5. Read this poem by William Blake and answer the questions.

4. Read one of your favourite books and turn it into a comic strip.

Colour your square when you have completed the reading challenges

1. ☐
2. ☐
3. ☐
4. ☐
5. ☐
6. ☐



Year 5

Silver Reading Miles Challenge

The distance from the United Kingdom to the USA is about 4,200 miles!

So each reading challenge earns you 700 reading miles!

6 x 700 = 4,200

Features of a Biography

Purpose:

to give an account of someone's life.

Tense:

- written in the past tense
- Closing statements may use present/ future tense

Structure:

Opens with an attention grabbing introduction that summarises the main events of the person's life and makes the audience want to read on.

Key events are written in chronological order.

Early life, family, home and influences help the audience to understand the person.

Use relevant images and captions for interest.

Concludes with what they are doing now, or how they are/will be remembered.

Include:

- information about their personality
- specific facts about achievements, influences and significant people

Include:

- their feelings about different points and events in their life
- quotes from the person themselves, or other key people

Include:

- third person pronouns, such as:
  he, she, they, himself, herself, it, their, them

Include:

- adverbials, such as:

  accordingly

  consequently

  therefore

  hence

Include:

- ellipses, repetition, and time conjunctions to link sentences and paragraphs, such as:
  then, after that, this, firstly, whenever

Writing Steps to Success

I can write a short burst biography

Pupil	Teacher	Features I MUST try to Include:	
		Punctuation	I have accurately punctuated parenthesis.
			I have used a range of appropriate punctuation to mark clauses. : ; ,
		Vocabulary/ grammar	I have included facts about the person I am writing about.
			I have used third person pronouns.
			I have written in past tense.
			I have used technical vocabulary
		Sentence	I have used a range of clause structures.
			I have included parenthesis to provide addition information.
		Text structure	I have used a suitable subheading which is linked to the paragraph I am writing.
			My paragraph fits with the chronology of the whole text.

Comments

_____

_____

_____

My target for next time

_____

_____

_____

The Extraordinary Life of Katherine Johnson

In 1969 history was made when the first humans stepped on the moon. Back on earth, one woman was running the numbers that ensured they got there and back in one piece.

As a child, **Katherine Johnson** loved maths. She went on to be one of the most important people in the history of space travel. Discover her fascinating life story in this beautifully illustrated book, complete with narrative biography, timelines and facts.

Early Life

Katherine Coleman was born on August 26, 1918, in White Sulphur Springs, West Virginia. Her intelligence and skill with numbers became obvious when she was a child. She was in high school by the time she was 10 years old. Katherine graduated from West Virginia State College in 1937 with highest honors and then took a teaching job in Virginia.

In 1939 Katherine was selected to be one of the first three **African American** students to enroll in a graduate program at West Virginia University. She studied math but soon left to take care of her family. She had married James Goble that year. He died in 1956. (She later married James Johnson.)

NASA Pioneer

In 1958, after NACA was reformulated into the National Aeronautics and Space Administration (NASA), Johnson was among the people charged with determining how to get a human into space and back. The following year she remarried, to decorated Navy and Army officer James A. Johnson.

For Johnson, calculating space flight came down to the basics of geometry: "The early trajectory was a parabola, and it was easy to predict where it would be at any point," she said. "Early on, when they said they wanted the capsule to come down at a certain place, they were trying to compute when it should start. I said, 'Let me do it. You tell me when you want it and where you want it to land, and I'll do it backwards and tell you when to take off .' " As a result, the task of plotting the path for Alan Shepard's 1961 journey to space, the first in American history, fell on her shoulders.

The next challenge was to send a man in orbit around Earth. This involved far more difficult calculations, to account for the gravitational pulls of celestial bodies, and by then NASA had begun using electronic computers. Yet, the job wasn't considered complete until Johnson was summoned to check the work of the machines, providing the go-ahead to propel John Glenn into successful orbit in 1962.

While the work of electronic computers took on increased importance at NASA, Johnson remained highly valuable for her unwavering accuracy. She performed calculations for the historic 1969 Apollo 11 trip to the moon, and the following year, when Apollo 13 experienced a malfunction in space, her contributions to contingency procedures helped ensure its safe return.

Johnson continued to serve as a key asset for NASA, helping to develop its Space Shuttle program and Earth Resources Satellite, until her retirement in 1986.

What Did She Do After NASA?

Katherine Johnson worked for NASA for more than 30 years. She retired in 1986. During retirement, she enjoyed traveling, playing card games, and spending time with her family and friends. She also liked to talk to students about school. She encouraged students to keep studying and to work hard. She told them to learn more about math and science. And she said to never give up on their dreams!

How Long Did Katherine Johnson Live?

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KATHERINE JOHNSON
1918-
DOROTHY VAUGHAN
1910-2008
MARY JACKSON
1921-2005
KATHERINE JOHNSON , DOROTHY VAUGHAN AND MARY JACKSON WERE BLACK FEMALE MATHEMATICIANS WHO WORKED AT NASA DURING THE SPACE RACE.
THE VISIONARY TRIO CROSSED ALL GENDER AND RACIAL LINE AND INSPIRED GENERATIONS.
THEY CHANGED STEM
WONDERFULWORLDOFELECTRONICS.COM


KATHERINE JOHNSON
National Aeronautics and Space Administration
NASA
Katherine Coleman Goble Johnson (b.1918) is an African-American space scientist and mathematician who calculated space flight trajectories for critical NASA projects such as the 1969 Apollo 11 trip to the Moon. Johnson was known for her mathematical accuracy and was asked to double check the computer-based calculations on major space flight missions.

Topic information sheet

This week we are going to be completing some art work linked to our topic. As a school, we are all looking at 'A Starry Night' by Vincent Van Gogh. The challenge for the children is to create their own version of A Starry Night. I have attached some Youtube links that explain how to recreate the picture using different mediums (oil pastels, felt tips, collage etc.) The children can choose how they want to recreate the picture and then share their work on Seesaw for us to see and enjoy. I've attached a VR walkthrough of the painting below to get the children started.

Best of luck and I can't wait to see what you create.

https://www.youtube.com/watch?v=G7Dt9ziemYA