

Friday 19th February 2021

All activities have been uploaded to Seesaw.

Literacy:

I See, I think, I Wonder

Write what you see, what you think and what you wonder about this image:



Reading - People In Space

A couple of weeks ago I asked you what you wanted to learn about and some of you said people in space.

Today's reading task will be linked with this.

Read the texts below about astronauts who have made it into space. Then answer the questions that follow.

Yuri Gagarin

The first human to journey into space!

Who Was He and What Did He Do?

- Yuri was born in Russia in 1934.
- He was an engineer.
- He was also a fighter pilot.
- He was shortlisted for the Vostok 1 programme.
- In 1961, he was the first human to enter space.

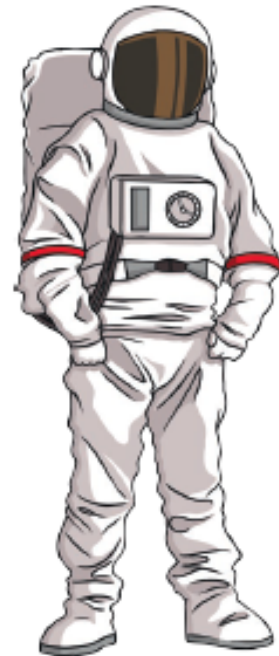


Did You Know?

It took 108 minutes to orbit the Earth at a speed of 27,400 kilometres per hour!

What Is He Remembered For?

- He was a national hero and worldwide celebrity.
- Yuri earned many awards.
- He was named a 'Hero of the Soviet Union'.
- The Soviet Union beat America in the space race.
- Sadly, he died on 27th March 1968, at just 34, in a fighter jet crash during training.
- There are statues of him in Russia, the UK and Kyrgyzstan.



1. Where was Yuri Gagarin born? Circle one.

a. USA

b. UK

c. Russia

2. What did he become the first human to do? Circle one.

a. enter the Earth's core

b. enter space

c. enter the sea

3. How long did it take to orbit the Earth? Circle one.

a. 1 minute

b. 80 hours

c. 108 minutes

4. How fast did the spacecraft go? Circle one.

a. 27,400 kilometres per hour

b. 740 kilometres per hour

c. 27 miles per hour

5. Circle **two** true facts.

a. He was named a 'Hero of the Soviet Union'.

b. He was the youngest American to walk in space.

c. The Soviet Union beat America in the space race.

Neil Armstrong

Who was Neil Armstrong?

Neil Armstrong was a famous American astronaut. He was the first man to walk on the moon!



He was born in 1930 in the United States of America and was only 15 years old when he first got his pilot's licence.

In 1969, he flew on the Apollo 11 spacecraft to the moon with another astronaut, Buzz Aldrin.





Famous words

When Neil stepped on the moon, he said "That's one small step for man, one giant leap for mankind."

Did You Know...?

He flew over 200 different aircraft in his career!

1. Who was Neil Armstrong? Tick one.

- an artist
- an astronaut
- a scientist

2. When was he born? Tick one.

- 1929
- 1930
- 1969

3. When did he fly to the moon? Tick one.

- 1969
- 1996
- 1930

4. What was the name of the spacecraft he flew to the moon in? Tick one.

- Buzz Aldrin
- Apollo 11
- Apollo 13

5. How many different aircraft did he fly? Tick one.

- Over 200
- Under 200
- Over 1969

Eileen Collins

Eileen Collins was the first woman ever to **pilot** a space **shuttle**.



Dreams of Space

- Eileen Collins was born in America in 1956.
- Eileen had dreams about space when she was a child.
- She wanted to become a pilot.

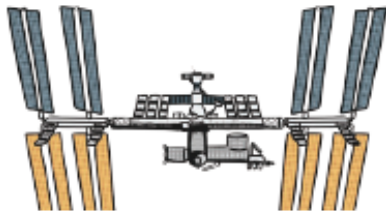


Glossary

astronaut - a person who is trained to travel in a spacecraft

pilot - a person who flies an aircraft

shuttle - a rocket launched spacecraft



Becoming an Astronaut

- Eileen always worked hard at school.
- She loved maths and science.
- Eileen joined the Air Force in America.
- She was chosen to train as an **astronaut**.

Did You Know?

Before they can fly in space, astronauts have to have hundreds of hours of training.

In 1995, Eileen Collins piloted a space shuttle called The Discovery.

In 1999, she was the first woman to be in charge of a space flight.



1. Circle the correct word to complete the sentence.

Eileen Collins was the _____ woman to pilot a space shuttle.

first

second

last

2. When did Eileen Collins first go into space? Tick one.

2005

1995

1999

3. What did Eileen Collins want to be when she was a child? Tick one.

a doctor

a clown

a pilot

4. What was the name of the first space shuttle which Eileen Collins piloted?
Tick one.

The Adventure

The Discovery

The Starship

5. What do astronauts have to do before they go into space? Tick one.

practise trampolining

have training

eat all of their breakfast

Helen Sharman

Helen Sharman was the first British person to go into space!

What Did Helen Do before Space?

- Helen worked hard to get a degree in Chemistry and a doctorate.
- She was an engineer and a chemist.

Fun Facts

- Helen was born in 1963 in Sheffield, UK.
- Helen found space amazing!

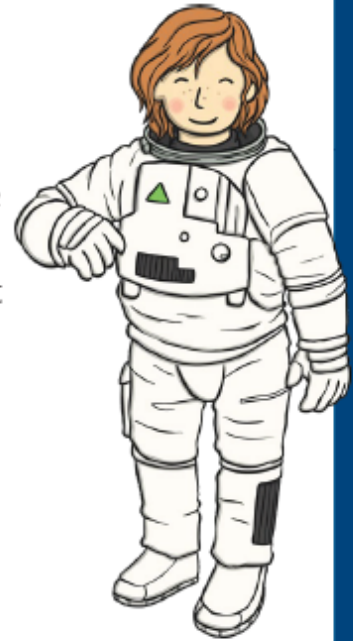


What Has She Done?

- Helen heard a radio advert looking for astronauts.
- She beat 13,000 other people to be part of 'Project Juno'.
- Helen trained for 18 months in Russia.
- She became a research cosmonaut on board the Soyuz TM-12 that launched into space on an 8-day mission.
- Helen did medical and farming tests.

What Is She Remembered For?

Helen was an astronaut and a scientist. She was one of only 59 women who have flown in space. Helen was the first ever British astronaut in space.



1. What was Helen the first British person to do?

- go to school
- go into space
- go to Sheffield

2. How did she hear about the astronaut job advert?

- She heard it on the radio.
- She read it in a book.
- She saw it on Youtube.

3. How long was the mission into space?

- 8 years
- 8 months
- 8 days

5. **Tick two** true facts about Helen Sharman.

- She went to space on board Soyuz TM-12.
- She comes from Spain.
- She trained for 18 months in Russia.

4. How many women have flown into space?

- 5
- 59
- 5900



EXTENSION TASK: Here is a great website where you can learn even more about famous astronauts.

<https://www.nasa.gov/audience/forstudents/5-8/features/nasa-knows/astronauts/index.html>

The Water Cycle

A couple of weeks ago I asked you what you wanted to learn about and one of you said how water is made.

Video explaining The Water Cycle on Seesaw.

Complete this passage filling in the missing words:

Where does water come from?

There is only a small amount of water on _____. The water we use is used again and again.

_____ starts as rain or snow. When it falls to the ground it is collected in rivers, _____ or lakes. It is then sent to our houses after being cleaned so that we can use it for drinking, washing clothes, _____, cooking or gardening. Once we have finished with this water, it goes back into the rivers and oceans. The _____ warms up the water and a process called evaporation happens. This is when the water changes into vapour and rises up with the _____ air. When the water hits cool air, it condenses and makes _____ in the sky. When the clouds get full of water droplets, they get really heavy and when there are enough, _____ they fall to the ground again as _____. The cycle starts all over again!

water, showering, rain, droplets, Earth, Sun, clouds, warm, oceans

Then complete the sheet below, filling in the missing labels of the water cycle using the word bank.

Label the diagram of the water cycle using the words below:

rivers and streams

precipitation

runoff

underground water

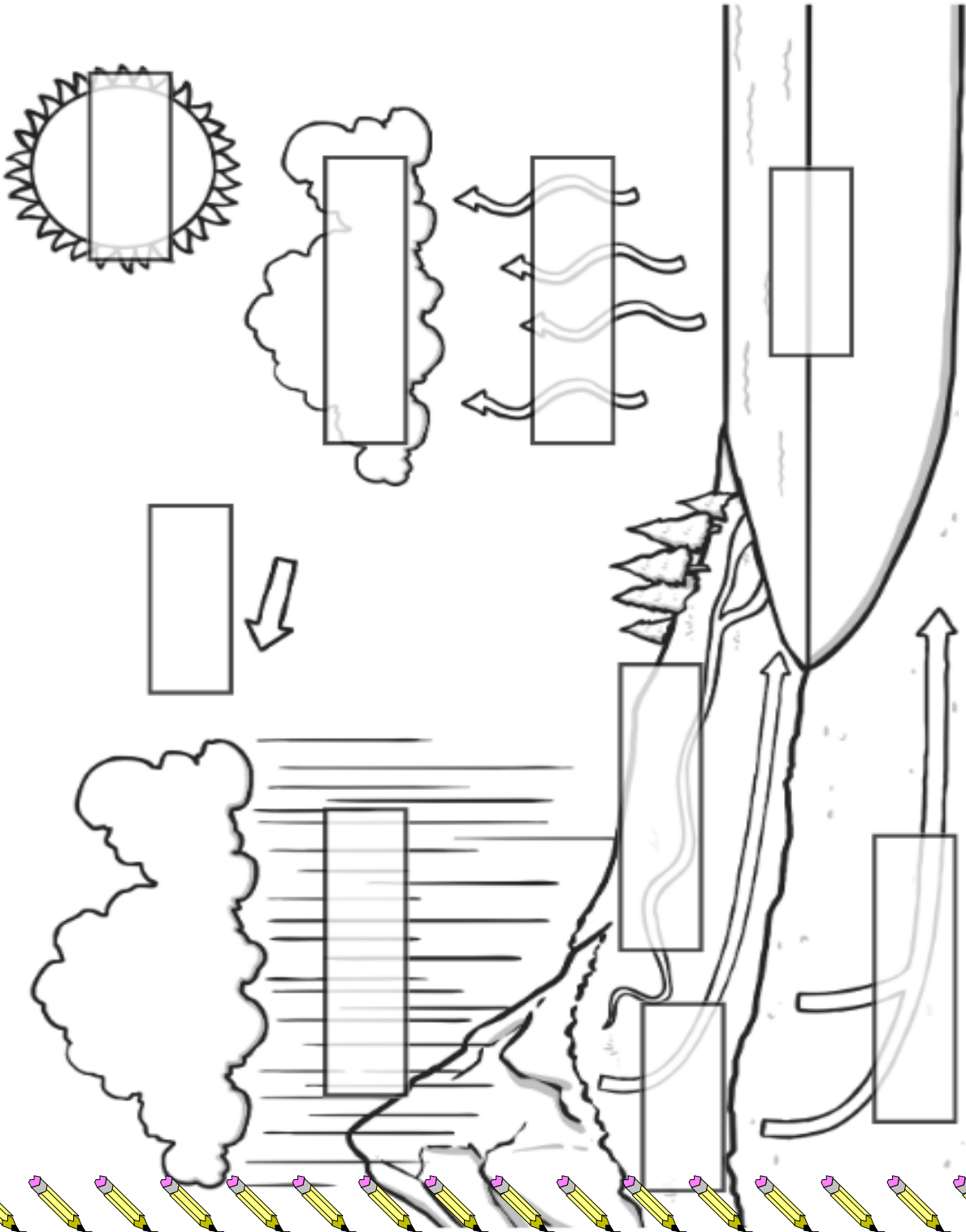
sea

wind

sun

evaporation

condensation



Numeracy:

Repeating Patterns - Numbers and Rules

Video explaining Repeating Number Patterns and rules on Seesaw.

Have a look at the following patterns - what rule are they following? What is being added or taken away each time?

Work out what the number pattern rule is for each of these patterns. The pattern might be increasing (addition +) or decreasing (subtraction -). Use the rule to help you complete the number patterns.

19, 18, _____, 16, 15, _____, _____

Rule: _____

2, 4, _____, _____, 10, 12, _____

Rule: _____

10, _____, 30, _____, 50, _____, 70

Rule: _____

_____, 29, 28, _____, 26, _____, 24

Rule: _____

88, 89, _____, _____, _____, 93

Rule: _____

15, _____, 25, 30, _____, _____

Rule: _____

14	18	22	___	___	___
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Rule: _____

28	26	24	___	___	___
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Rule: _____

65	___	75	80	___	___
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Rule: _____

150	145	___	135	___	___
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Rule: _____

36	30	24	___	___	___
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Rule: _____

90	___	96	99	___	___
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Rule: _____

201	211	221	___	___	___
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Rule: _____

77	66	55	___	___	___
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Rule: _____

EXTRA CHILLI CHALLENGE:

Create some number patterns of your own with a least six numbers, writing the rules beside each sequence.

Daily 10

<https://www.topmarks.co.uk/maths-games/daily10>

Have a go at 10 questions each day.

Choose your own level (**MILD Level 2**, **HOT Level 3**, **SPICY Level 4**, **EXTRA SPICY Level 5-6**), then choose multiplication and select your challenge.



Health and Wellbeing:

PE with Joe Wicks

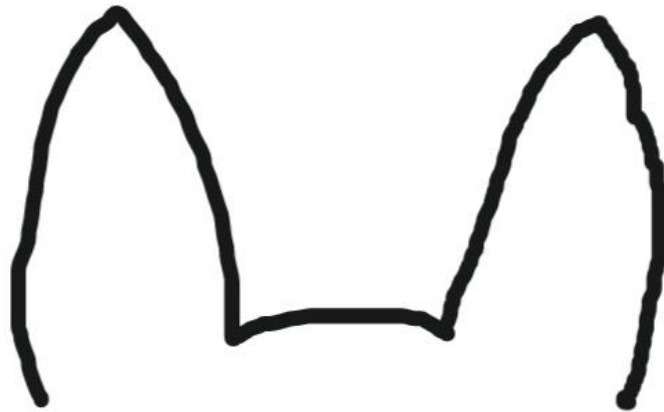
Another Joe Wicks PE at home sessions. Follow the link below:

<https://www.youtube.com/user/thebodycoach1>

Art

Complete the picture. Be creative! It's not what it looks like. IT IS NOT AN ANIMAL!

See what your brain can come up with! Add a few sentences to explain your creation!



Creative Thinking: Design a funky, cool new hairstyle!

- Goal: Have Fun!

THIS GUY **LOST** HIS HAIR!
GIVE HIM **SOME!**

