

Reading



Eileen Collins

Read the attached text about Eileen Collins and answer the comprehension questions. Read the questions carefully and provide evidence for your thinking where necessary.

Writing

**Task 1:** ‘Top Tips’ can be short, useful pieces of information to help others. Think about all the different activities you have completed about preparing for secondary school. What three top tips would you give to someone who is worried about starting Year 7? **There is a resource attached with more support on.**



**Task 2:** Imagine you are the creator of a YouTube channel. Record a video of you giving someone advice for transitioning to high school. **You should write a script first. Consider including ‘guests’ who you may ask questions to/ interview. Use the following link for further support on writing scripts.**

<https://www.bbc.co.uk/teach/class-clips-video/english-ks2-write-a-script/z4tmd6f>



Spelling

Words with endings which sound like /shuhl/ after a vowel letter.

1. official
2. special
3. artificial
4. social
5. racial
6. crucial
7. facial
8. beneficial
9. superficial
10. antisocial

**Task 1:** Remember to practice the spelling pattern using:



**Task 2:** Draw something that will help you to remember the spellings for this week.



Maths

Task1:

Percentages:

1. 10% of 50 =
2. 20% of 120 =
3. 50% of 300 =
4. 25% of 600 =
5. 75% of 1200 =
6. 90% of 1400 =
7. 5% of 800 =
8. 15% of 620 =
9. 4% of 710 =
10. 24% of 1150 =

Task 2:

Look at the attached percentage challenge. Complete with as many numbers as possible.

Guide to finding percentages of numbers.

<https://www.youtube.com/watch?v=Ktsq1Td05n0>

Science

Read the attached PowerPoint about space, making notes as you go.

**Using the attached PowerPoint and the attached guidance,** write a non-chronological report about space.



Include paragraphs about:

- What space is
- The solar system
  - Planets
  - Asteroids
  - Comets
  - Stars
- How night and day works
- Time zones
  - Seasons
  - Gravity
- Anything else that you think is interesting about space

Well-Being

**Task 1:** Watch the attached clip from the staff at IntoUniversity about transition.

**Task 2:**



**When you move into a new environment it can be exciting and sometimes scary! We are going to think about moving to secondary school and the different things we might be excited about as well as the things we might be nervous about.**

Complete the worry jar activity sheet about transition on the attached form.

## Reading

### Eileen Collins



Eileen Collins was born in New York in 1956 and from an early age, she dreamt about space. As a child, Eileen's parents would often take her to the airport to watch the planes take off and land. She worked incredibly hard at school and particularly loved science and maths. Upon finishing school, Collins completed her pilot training and was chosen to be an astronaut in 1990. Five years later, Eileen made history. On February 2nd, 1995, she became the first woman to pilot a space shuttle.

She made history again in 1999 when she became the first woman commander on a space shuttle mission. Eileen has inspired other females who dream of becoming astronauts. She said, 'Whether your commander is a man or a woman doesn't really matter when it comes to getting your mission done.' In 2006, Eileen left NASA to spend more time with her children. When asked about the future of space flight, Collins said that she would like to see more people travelling into space, as it is such an incredible experience.

### Did You Know?

Collins has been chosen as one of the top 300 women in history who have changed the world.

### Did You Know?

It takes hundreds of hours of training before astronauts are ready to fly into space. They learn about space technology, medical skills and how the International Space Station works. Astronauts practise the feeling of being in space by scuba diving underwater.

### Did You Know?

In June 1963, Valentina Tereshkova became the first woman to travel into space.



**Reading questions**

1. In which year did Collins first make history?

1993 .....

1994 .....

1995 .....

1996 .....

2. Where was she born?

London .....

New York .....

Paris .....

Madrid .....

3. Why did Eileen's parents take her to the airport?

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4. Which two subjects did she enjoy at school?

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5. After becoming a pilot, what was Eileen chosen to do?

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6. Match up the correct statements:

In 1963,

Eileen retired from NASA.

In 1995,

she became the first woman commander on a space shuttle mission.

In 1999,

the first woman travelled into space.

In 2006,

she became the first woman to pilot a space shuttle.

7. How do astronauts prepare for the feeling of being in space?

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8. Write one word to describe Collins. Explain why you have chosen this word.

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## Writing

### Task 1


'**Top Tips**' can be short, useful **pieces of information** to help others. Think about all the different activities you have completed about preparing for secondary school.

What **three top tips** would you give to someone who is worried about starting Year 7? You might want to think about a worry they have and suggest something they could do that might help.


For example, if someone is worried about being in a rush or forgetting their books, your top tip might be to pack your bag the night before.



TOP TIP 1



TOP TIP 2



TOP TIP 3

## Maths

### Additional challenges – Guess my number

Can you work out the number I am thinking of?

What do you need to do to work it out?

1) I am thinking of a number.

10% of my number is 350. What is my number?

2) I am thinking of a new number.

25% of my number is 325. What is my number?

3) I am thinking of a new number.

75% of my number is 150. What is my number?

4) I am thinking of a new number.

37% of my number is 74. What is my number?

5) I am thinking of a new number.

42% of my number is 63. What is my number?

6) I am thinking of a new number.

85% of my number is 255. What is my number?

Can you explain your strategy?

## Science

Example of non-chronological report about Mars.

### Marvellous Mars

#### Introduction

Have you ever wanted to find out more about the Red Planet, Mars? If so, this is the report for you!

#### Appearance

Mars is often called The Red Planet because of its colour. Interesting, it is a special mineral on the planet's surface that causes this colour. Mars' surface is covered in towering mountains and deep craters caused by crashing asteroids and meteorites.

#### Size

Mars is the second smallest planet in our solar system. It is half the size of the Earth. However, because Mars is a desert planet it has the same amount of dry land as the Earth.

#### Life on Mars

Although people once thought there was life on Mars, we now know that Mars is too cold and dry for life to exist. There is no water on the surface of Mars. However, scientists have found evidence of bacteria inside a meteorite from Mars.



Use the 'Marvellous Mars' non-chronological report as an example. You should then write your own non-chronological report, in more detail, about space in general using the success criteria to make it interesting.

Success Criteria – Non-Chronological Report
Does my first paragraph tell the reader something general to introduce the topic? - <i>Natural disasters are changes, which are so great they cause damage to the land or to living things – and then who, what, where, when</i>
Do my paragraphs contain information about the same topic and are they in a logical order?
Have I included detail about special features, or made comparisons? <i>A moth's wings are not like.... The pass was identical to ... This animal is related to ...</i>
Does presentation make the information easy to locate? <i>Underlined headings or subheadings, labels, CAPITALS, bold print, text boxes.</i>
Have I used: <ul style="list-style-type: none"><li>• factual adjectives,</li><li>• precise and formal nouns (humans, mammals),</li><li>• modal verbs?</li></ul>
Have I used some conjunctions to explain points further ( <i>so, because, also, when, which</i> )?
Have I used present tense and third person all the way through?
Is the style formal, sometimes using the passive voice? ( <i>The eggs are laid in the spring.</i> )

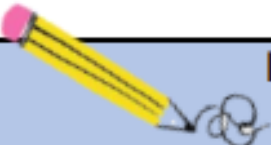



# WORRY JAR

When you move into a new environment it can be exciting and sometimes scary! We are going to think about moving to secondary school and the different things we might be **excited** about as well as the things we might be **nervous** about.

## STARTER

Think about how you are feeling about the transition to secondary school. Identify three things you are excited about and three things you are nervous about and write them down.

 I am excited about:	I am nervous about: 
<i>Example: I am excited about meeting new people.</i>	<i>Example: I am nervous about forgetting my homework.</i>

## MAIN ACTIVITY

It is completely natural to feel nervous and lots of other students will likely have the same worries as you. Your main challenge is to create a **worry jar**. This is a jar that you can fill with your thoughts and worries about Year 7.

1. **BUILD AND DECORATE YOUR JAR.** You can use an old glass pot, an empty box, anything you can find! How will you decorate your box? Think about the materials and colours you will use.
2. **WRITE OR DRAW YOUR WORRIES.** You can draw your worries as pictures or write them out onto pieces of paper.
3. **FILL YOUR JAR.** Fold up your worries and put them inside your jar.
4. **PUT YOUR WORRIES TO ONE SIDE.** Put a lid on your jar and put your worries to the side. Have a go at our other activities where we will practise different skills to help you feel more confident. Hold on to your jar, as you'll need it for our 'Giving Advice' activity!

