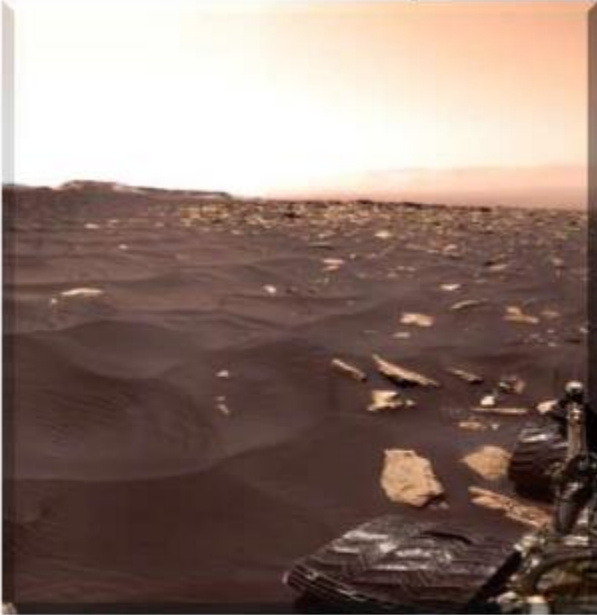




3000 days on the Red Planet

Last Tuesday, it was 3000 Martian days since the Curiosity rover robot landed on the planet, Mars. The American space agency, NASA's roving robot has been on Mars since August 2012, exploring the dusty red surface and taking photographs to detect if there is, or ever could have been, any life there. One day on Mars is longer than a day on Earth. It lasts for 24 hours and 39 minutes and is called a 'sol'. In July 2020, a second robot, Perseverance, was launched from the space station in Florida, USA but is not expected to join its robot friend on Mars until February. When Coronavirus threatened to delay the launch of the second robot, NASA made it a priority. One of a team of scientists in charge of the mission said, 'We could not be more proud of what this integrated team was able to pull off here, so it's very, very exciting.' Perseverance is expected to spend one Martian year or 687 Earth days investigating the possibility of life on Mars.



*Pictured: Curiosity taking photos of the dusty red planet, Mars
Source: @latestinspace on Twitter*

Oldest known cave painting found in Indonesia

A cave painting of a wild pig that is thought to have been crafted over 45,000 years ago has been discovered by archaeologists in Sulawesi, Indonesia. The warty pig, which measures 136cm by 54cm, was painted using a natural material called dark red ochre. The painting shows two hornlike warts on the pig's face. Two handprints can also be seen beside the pig's hind quarters. As part of the scene, there are two other pigs facing each other so it is believed that the warty pig may have been watching the others fighting. 'The people who made it were fully modern, they were just like us, they had all of the capacity and the tools to do any painting that they liked,' said Maxime Aubert, who is the co-author of a new report published in Science Advances journal. The area where the cave is located floods during the



*Pictured: The Sulawesi warty pig on the wall of the cave in Indonesia
Source: AFP*

wet season so it can only be reached during the dry season. It is situated in a remote valley a mile from the nearest road and is enclosed by sheer limestone cliffs.

'Ratatouille': The TikTok Musical!

You can become a star in the most unusual way! When schoolteacher, Emily Jacobsen learned that Disney World in Florida was planning to open a special attraction dedicated to Remy the rat from the movie, Ratatouille, she was overjoyed. So, the Disney channel fan wrote a song for him and posted it on TikTok in celebration. She only intended to make her friends laugh but before long, hundreds of actors and singers, posted their own Ratatouille songs on TikTok too. The idea snowballed and one of Emily's friends, a composer, Daniel Mertzluft asked the TikTok stars to help him make a new musical based around Remy and his restaurant antics. On 1st January 2021, fans could buy tickets online to watch 'Ratatouille: The TikTok Musical'. The money raised by the show went to The Actors Fund charity to support actors and singers, who have lost their jobs due to the global pandemic.



*Pictured: Remy from the 2007 film 'Ratatouille'
Source: @RealMom@SFV on Twitter*



Learning from home

Use the ideas below, alongside this week's resource, to support your home learning.

Make a list of some of your leaders, e.g. your sports coach, your teacher, your parents. Choose one of your leaders to create an interview to find out more about them. You could include: What do you lead? Do you enjoy being a leader? Do you think you are a good leader? What do you find hard about being a leader? If possible, ask your questions and listen to the answers carefully. Draw a picture and write about your leader.

Lead a fitness session for your family at home or people at school. Once you have finished, ask the people who took part what they thought of your leadership skills!



Create your own sketch or piece of art to represent what leadership means to you. Will you use symbols, words, drawings or a combination in your picture? What colours will you use? Will the tone be bright and deep or pale? Will you use pencils, crayons, pastels, paints or materials?

Imagine you are going to be the Prime Minister for the day! Create a timetable with all the things you plan to do. What time will you get up? Will you schedule in mealtimes and breaks? Will you plan to change any rules or laws? Will you use the Voyager aircraft? Do you plan to address the nation? Don't forget to include times. You could decide whether to record these in 12 or 24-hour clock.

Locate the UK on a world map, then locate the United States of America. What continent are each part of? Can you name and locate any other countries or continents?

Design and make a badge for a leader to wear. It might be a new school council, sports crew or playground leader badge or perhaps you could make one for your sports coach, teacher or parents!



Can you draw and write about a leader you know?

Draw a picture of a leader you know here:



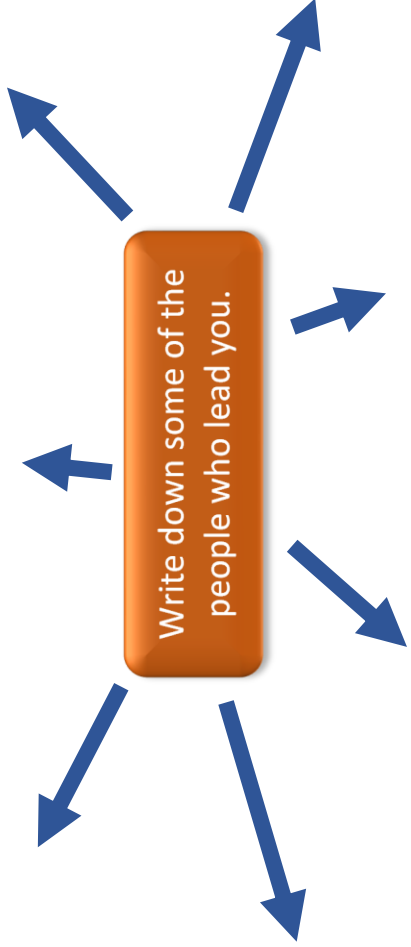
A leader I know is: _____

They are a good leader because: _____



Interview a leader

teacher



Choose one of your leaders and create an interview to find out more about them. You could write your own questions or use the ones below.



Picture of your leader

1. What do you lead? _____

2. Do you enjoy being a leader? Why? _____

3. Do you think you are a good leader? _____

4. What do you find hard about being a leader? _____



Prime Minister for the day!

Imagine you are going to be the Prime Minister for the day! Create a timetable with all the things you plan to do. Think about:

- What time will you get up?
- Will you schedule in mealtimes and breaks?
- Will you plan to change any rules or laws?
- Will you use the Voyager aircraft?
- Do you plan to address the nation?

Use the timetable below or create your own.



Time	What you are doing



Decide whether to record your times in 12 or 24-hour clock.

Resource 2

Look at the resource below, where some people share their opinions about leadership.

Do you think anyone can be a leader?

I think anyone can become a leader if they want to but they may not necessarily be a good leader and if they are not, they may not stay in that leadership position for long.

Kinza

Not everyone can be a leader. If you cannot be organised, confident, resilient, honest or have vision, good communication skills and be able to motivate others, then being a leader is not for you!

Bartek

I think anyone can be a leader if they want to be. You can learn to develop the skills that will help you to become a leader. However, the more people you lead, the trickier I think it is to be seen as a good leader in everyone's eyes.

Jasmine



Can you think of a time when someone has had to lead when they didn't want to?

Not everyone wants to be a leader. Sometimes people end up having to lead even if they don't want to!

Logan

Do you think everyone will agree that someone is a good leader? Why?