

Week of March 30-April 3

Gifted/Talent Development	Monday	Tuesday	Thursday	Friday
1 <sup>st</sup> Grade				How many different pictures can you create with a capital K as the prompt? Turn the K in any direction you want. Make as many pictures as you can. Give each picture a title that contains at least three words.
2 <sup>nd</sup> Grade	What is NASA? reading passage on Google Classroom. Join code: <b>xkvkpu2</b> OR SCROLL DOWN TO FIND THE ARTICLE 😊	Create ten 3 digit by 2 digit subtraction problems. Check with a calculator.	Read both articles found below. Use the information found in the both to create a flip book (just like we've done in class).	Check out this video!  <a href="https://www.youtube.com/watch?v=CGU39bo45pl">https://www.youtube.com/watch?v=CGU39bo45pl</a>
3 <sup>rd</sup> Grade	Continue to work on the Greek Mythology Tic-Tac-Toe Choice Board.	Study your 6, 7, 8,- and 9 multiplication facts.	Each day you put a bag of garbage that weighs 55 pounds in the dumpster. How many pounds of garbage will you put in the dumpster in 4 weeks?	You want to share 34 pencils among 6 friends. How many would each friend get?
4 <sup>th</sup> Grade	Continue to work on the Greek Mythology Tic-Tac-Toe Choice Board.	Find the product of 987 and 73.	Marco's World Famous Pizzeria has 6 pizza ovens. If each pizza oven costs \$2,700, how much money did he pay for all of the ovens?	Each oven can bake one pizza in 12 minutes. How many pizzas can all six ovens bake in 3 hours?
5 <sup>th</sup> Grade	Continue to work on the Greek Mythology Tic-Tac-Toe Choice Board.	Continue to work on the Greek Mythology Tic-Tac-Toe Choice Board.	NewsELA activities	NewsELA activities

From <https://www.nasa.gov/audience/forstudents/k-4/stories/nasa-knows/what-is-nasa-k4.html>

## What Is NASA?



NASA astronaut Christina Koch is pictured during a spacewalk.  
**Credits: NASA**



NASA tested two SR-71 aircraft. They are still the world's fastest and highest-flying aircraft.  
**Credits: NASA**

*This article is part of the [NASA Knows \(Grades K-4\)](#) series.*

NASA stands for National Aeronautics and Space Administration. NASA was started on October 1, 1958, as a part of the United States government. NASA is in charge of U.S. science and technology that has to do with airplanes or space.

## **What Does NASA Do?**

NASA does a lot of different things. NASA makes satellites. The satellites help scientists learn more about Earth. NASA sends probes into space. A **probe** is a **spacecraft** that travels through **space** to collect science information. **Probes** do not have astronauts. **Probes** send data (information) back to Earth for scientists to study. NASA scientists study things in the solar system and even farther away. A new program will send humans to explore the Moon and, one day, Mars. NASA also shares what they learn with others. People who do not work at NASA can use NASA ideas to make new inventions. These new inventions can help make life on Earth better.

Do you like science, math and learning new things? Would you like to be an adventurer? Would you like to plan future missions to other planets and outer space? People at NASA work hard to share news about NASA's missions with teachers. Then, teachers can use NASA lessons to teach their students about science, technology, engineering and math.

## **Where Is NASA?**

NASA Headquarters is in Washington, D.C. There are 10 NASA centers across the United States. There are also seven smaller NASA work places where they test and study Earth and space. Thousands of people work for NASA! Being an astronaut is probably the best-known job at NASA, but astronauts make up just a small part of the workforce. A lot of engineers and scientists work at NASA. People are doing other jobs, too, like secretaries, writers, lawyers and even teachers.



Astronaut Ed White was the first American to walk in space.  
**Credits: NASA**

### **What Has NASA Done?**

From its start, NASA began to plan for human spaceflight. The Mercury, Gemini and Apollo programs helped NASA learn about flying in space. This led to the first human landing on the Moon in 1969. NASA has astronauts living and working on the International Space Station. Space probes have visited every planet in the solar system. Scientists have looked far into space using telescopes. NASA satellites help people understand weather patterns on Earth. NASA also helps develop and test new aircraft. Some of the airplanes have set new records. NASA works to make air travel faster and safer.

In 2018, NASA turned 60 years old!

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*Last Updated: Feb. 6, 2020*

*Editor: Sandra May*

1. What is the purpose of NASA (what does NASA have to do with)?
  
2. What is the purpose of a space probe?

3. What is the purpose of NASA's satellites?
4. Name three space programs that have helped NASA learn about flying in space.
5. What is the best-known job at NASA?

**Keep scrolling down to find a bonus article! I know how much you guys love to learn!!**



From <https://www.ouruniverseforkids.com/nasa/>

# NASA

## What is NASA and What does NASA Stand For?

Do you want to know more about NASA? OK, please read on, and learn the answers to the questions, along with some fun facts about NASA.



NASA is a US space agency, that stands for 'National Aeronautics and Space Administration'. NASA was founded by President Dwight D. Eisenhower on July 29, 1958.

NASA's main headquarters is based in Washington DC, in the United States of America. NASA also has other operations in other parts of the country.

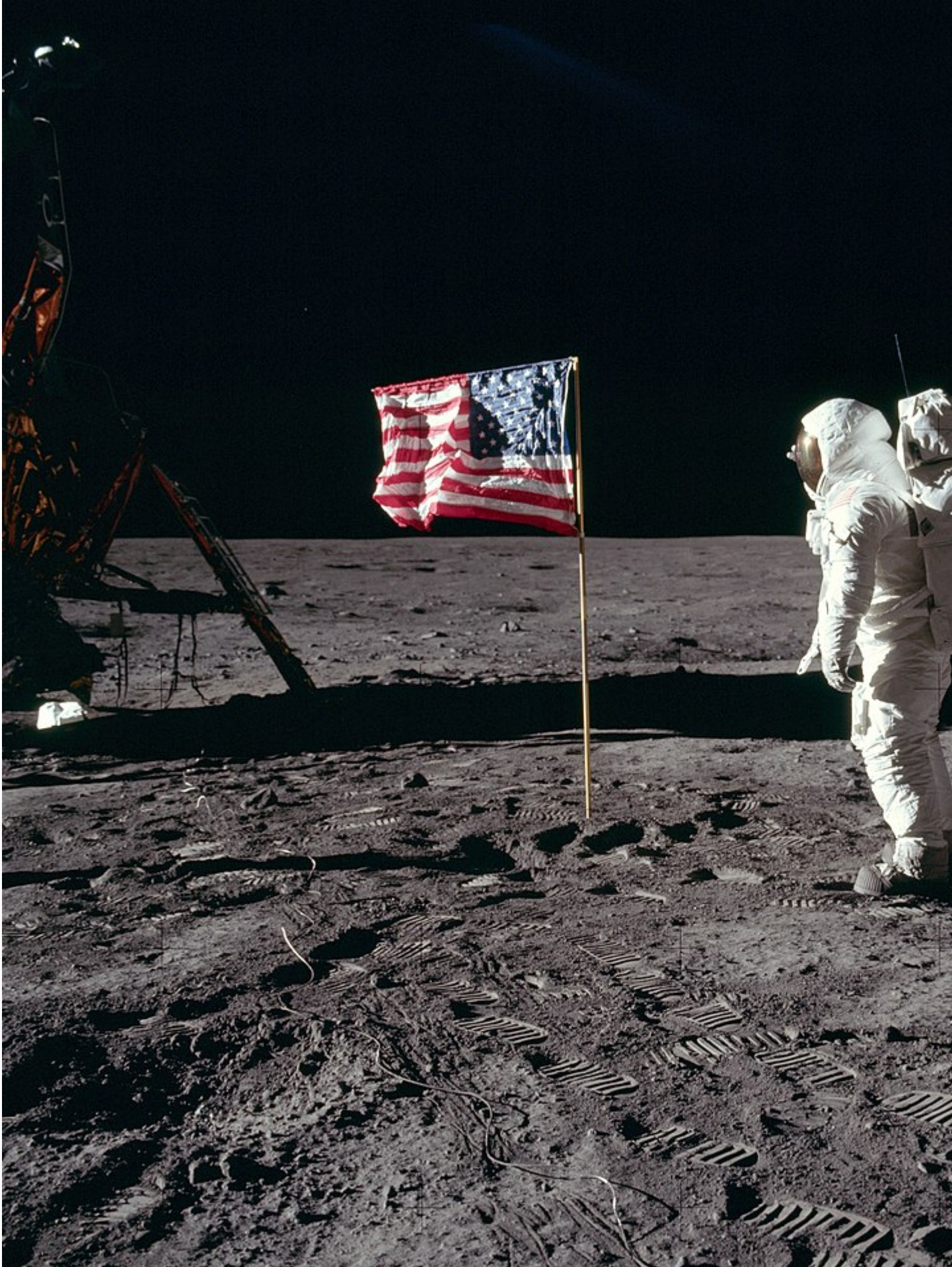
NASA's main people are Jim Bridenstine who is the Main Administrator, along with Jeff DeWit who is the Chief Financial Officer. NASA also has many astronauts who prepare for and complete missions.

There have been many missions that NASA has undertaken since the organization was created. The most famous missions are the moon landings.

Here is a timeline and list of NASA's most important missions.

- 1961 – Freedom 7. 1st space launch, launching the 1st American to space. Alan Shepard.
- 1968 – Apollo 8. Apollo 8 spacecraft had a mission to orbit the moon.
- 1969 – Apollo 11. 1st and very famous moon landing mission.
- 1969 – 1972 – 5 more successful manned moon landings.
- 1970 – Apollo 13. With the spacecraft exploding, NASA launched a rescue mission.
- 1972 – Pioneer 10. Unmanned mission to the solar system.
- 1972 – Space Shuttle. NASA's first launch of the Space Shuttle.
- 1977 – Voyager Mission. In 1977 NASA launched the Voyager missions.
- 1986 – Challenger Launch. 73 seconds from launch the shuttle exploded killing all the crew.
- 1990 – Voyager Pale Blue Dot Photo. Famous photo taken at the request of Carl Sagan.
- 1990 – Hubble Telescope. Launched from 'Discovery' to photograph the stars in detail.
- 1996 – Pathfinder Mission. Mission launched to Mars to gather data of the planet's surface.
- 1998 – International Space Station. Joint international venture space station launched.
- 2003 – Mars rovers Spirit & Opportunity. Launched to Mars in the search for water.
- 2012 – Mars Curiosity Rover. Launched to explore possible Life on Mars.

Below is a picture of the first moon landing in 1969



With continued budget and backing from the US government, NASA is continuing its great work in space exploration. There are many future planned missions and great research and work ahead.

There are future planned missions to near asteroids and other solar system planets. There has been no date yet confirmed for a manned mission to Mars, however let's wait and see. If any organization can do it, NASA can!

### ***Kids Fun Facts Corner***

- # 1. NASA pays people to lay in bed for long periods of time to study the effects of prolonged weightlessness.
- # 2. The man who invented the super soaker water gun was a NASA scientist.
- # 3. There are 2 satellites named 'Tom & Gerry' that have been launched by NASA that follow each other in orbit around the Earth.
- # 4. The date of the 1st moon landing was July 16, 1969.
- # 5. The crew of the 1st moon landing was Neil Armstrong, Buzz Aldrin & Michael Collins.

### ***Q&A Corner***

Q. What does N.A.S.A. stand for?

Q. Who founded NASA and when?

Q. According to the timeline, who was the first American in space and when?

Q. What is the date of the 1st moon landing?

Q. Name the crew of the 1st moon landing.