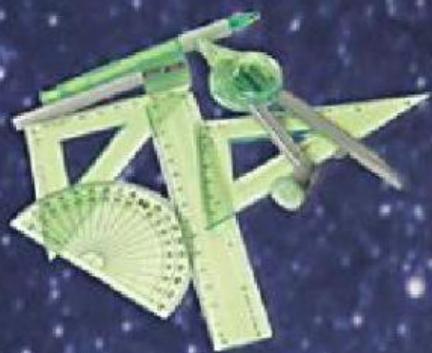
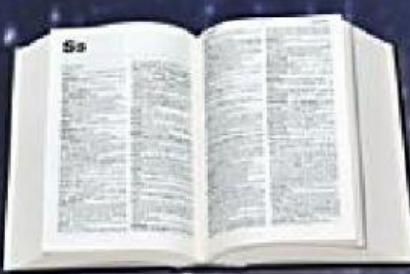


1 When do you use the following items? Tell a friend.



2 Number the dictionary entries in alphabetical order. 

- galaxy** a very large group of stars and other matter found in the universe
- satellite** a celestial body orbiting another of larger size
- star** a naturally luminous body visible in the sky, especially at night
- comet** a celestial body that usually has an elliptical orbit, that consists of ice and dust, and that often develops a long tail

- spacecraft** a vehicle in which people travel in space
- astronaut** a person trained to travel in a spacecraft
- telescope** an instrument designed to make distant objects look nearer and larger
- astronomer** a person who studies the universe and space objects

► Write A, B, or C.

1. A celestial body orbits another one \_\_\_\_\_  
A. star      B. galaxy      C. satellite
2. A form of transportation in space \_\_\_\_\_  
A. telescope      B. spacecraft      C. galaxy
3. A tool used to observe objects that are far away \_\_\_\_\_  
A. satellite      B. astronomer      C. telescope
4. A group of luminous bodies and other matter \_\_\_\_\_  
A. galaxy      B. star      C. spacecraft
5. A space traveler \_\_\_\_\_  
A. astronomer      B. astronaut      C. comet



3 Read and number.

Sections of an Article

1. Title	Gives several facts and details about the topic.
2. Introduction	Tells us the name of the topic in an interesting way.
3. Body	Gives a final summary of the ideas.
4. Conclusion	Presents the topic with general ideas.

4 Read the article quickly and label the sections.

## IS THERE LIFE ON OTHER PLANETS?

The question isn't new: is there life out there in space? There are many different beliefs about extraterrestrial life. There are also many different people searching for signs of its existence.

Philosophers look up at the night sky and imagine aliens with advanced technology and perfect societies. They ask "Are we humans alone? Is there something better out there?" Some scientists think there might be tiny bacteria that survive on rocky planets or frozen moons and they look for chemical and physical characteristics as evidence of life. Many scientists believe advanced life in outer space is possible. In 1977, NASA sent the spacecraft Voyager into

space. It carried a special gold disk with music and images showing the different cultures on Earth. Maybe other intelligent life will receive the message someday. There are also people who believe extraterrestrial life visits us here on Earth in UFOs. Many regular people say they have seen things that they can't explain. Is this the life we are looking for?

We still don't have an answer to this big question, but scientists and science-fiction fans will keep looking. And maybe extraterrestrial life will find us one day. Who knows?

5 Read and underline the opinions.

philosophers = blue    scientists = orange  
regular people = red

6 Choose a title and write an article in your notebook. Use your imagination!

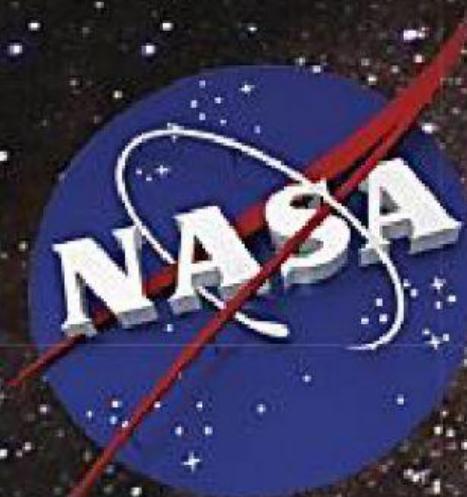
Aliens on Earth      Space Germs  
Space Societies

7 Revise your article with a friend.

Friends can help you reflect on your work.



1 Mark (✓) your answer.



## WHAT DOES NASA STAND FOR?

- National Aircraft and Spacecraft Administration
- National Aeronautics and Space Administration
- North American Spacecraft and Aircraft

2 Listen and match the parts to form sentences. 

You will hear an interview with an astronaut.

1. NASA
2. NASA scientists
3. Teachers, engineers, and secretaries
4. NASA offices
5. Astronauts

- work at NASA.
- will go back to the moon.
- study space.
- makes satellites.
- are in the U.S.

3 Make a Spacecraft Race with some friends.

### You need

- a watertight film canister or a comparable substitute
- paper
- crayons
- tape
- scissors
- sticky tack
- water
- effervescent tablets
- protective eyewear

### Instructions

1. Turn the film canister upside-down. Remove the lid.

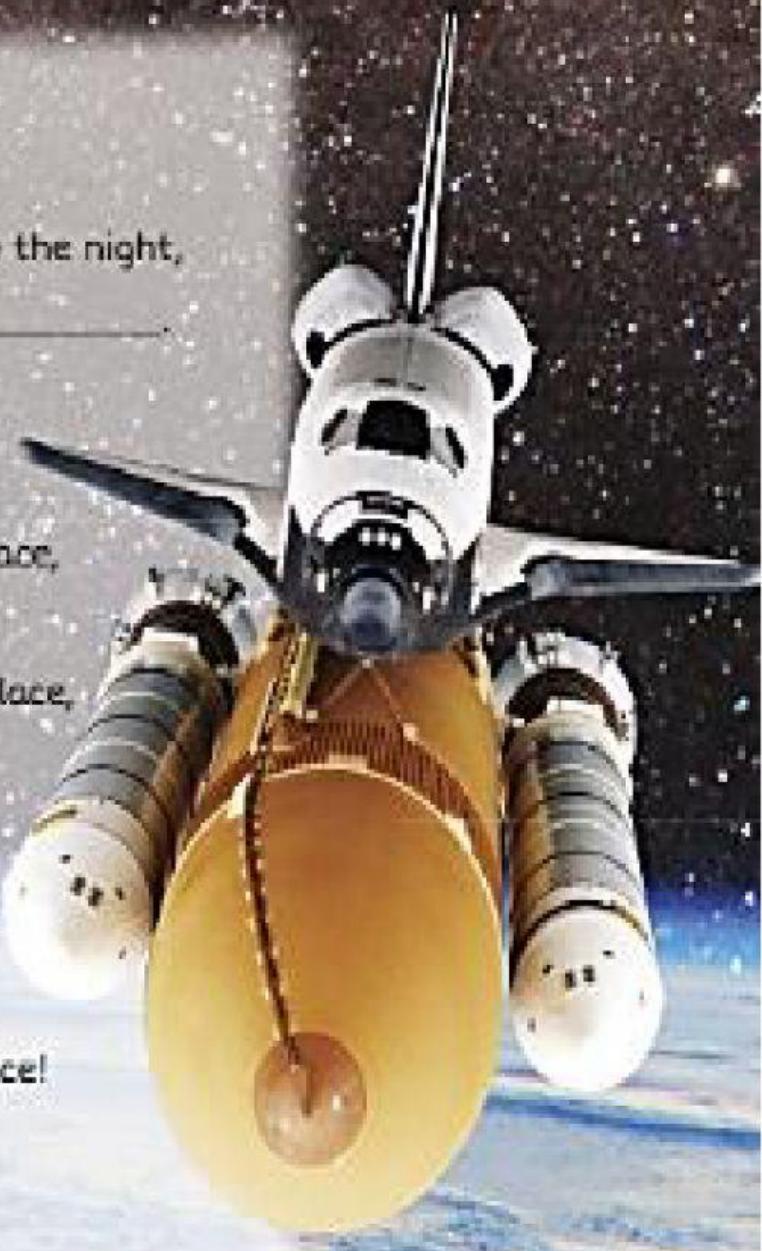
2. Wrap a sheet of paper around the canister and tape it to form a tube.
3. Cut out fins and a cone and tape them to the tube.
4. Color the spacecraft.
5. Use sticky tack to put half of an effervescent tablet in the lid.
6. Turn the rocket upside-down. Fill with water to half-full.
7. Keep the rocket upside-down and put on the lid.
8. Place the rocket rightside-up again and wait 20 seconds.



Fill in the blanks.

## A Brand-New Place!

day I might journey into the night,  
Take a right by the moon, pass a \_\_\_\_\_.  
I \_\_\_\_\_ speed to the stars,  
Say "Hi, Venus! Hi, \_\_\_\_!"  
  
And I might discover a brand-new place,  
Far away from the human race.  
And I might discover a brand-new place,  
Far away from the human race.  
  
Do you want to \_\_\_\_\_ me,  
Far away from the \_\_\_\_\_ race?  
Oh, \_\_\_\_\_ a wonderful place,  
Far away \_\_\_\_\_ the human race!



- ▶ Listen and check your answers.
- ▶ Sing "A Brand-New Place!"
- ▶ Choose and mark (✓) three pictures.

Imagine that you and a friend landed on a very strange planet.



- ▶ Tell your story.