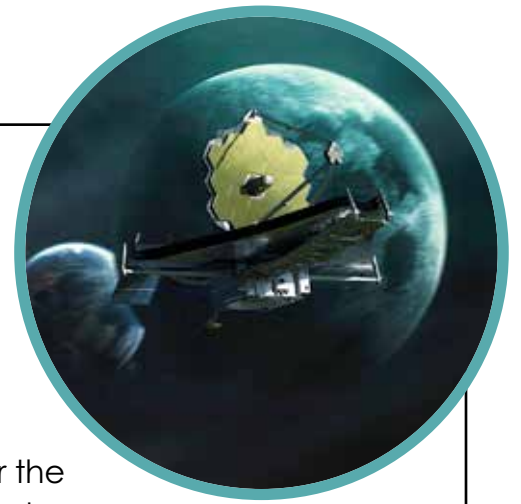


Name: _____

James Webb Space Telescope

By Anita Kim Venegas



What do you see in the night sky? Do you imagine faraway galaxies, planets, and stars? For thousands of years, people have looked into the sky and wondered what is out there. Astronomers believe the first stars formed around 13.5 billion years ago.

The James Webb Space Telescope

launched near the equator require less fuel because the rotation of the planet gives the rocket an extra boost. More importantly, in case of a malfunction with the rocket, debris will fall into the sea and not endanger the people in the area.

The telescope was folded up inside



Preview

Please log in to download the printable version of this worksheet.

build the telescope.

The JWST launched from French Guiana on December 25, 2021. Located just about 300 miles (480 kilometers) north of the equator on the continent of South America, French Guiana is a territory of France. The launch site was chosen for two reasons: its closeness to the equator and its location near the sea. Spacecraft

After 30 days, the James Webb Space Telescope reached its location, about 1 million miles (1.6 million kilometers) from Earth. The first images from the JWST were released on July 12, 2022. The JWST is expected to stay in space for ten years or more. The deeper we travel into space, the further back in time we can explore.

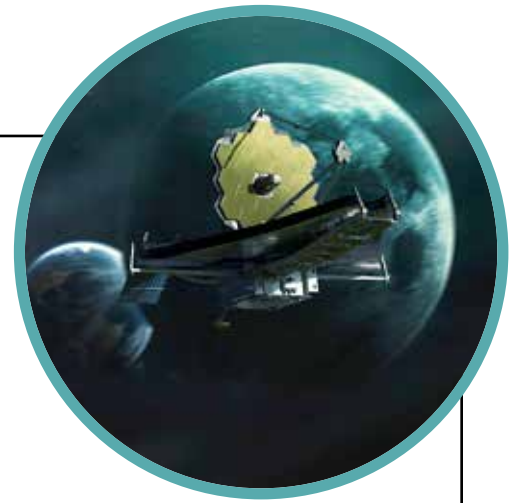


Carina Nebula

Name: _____

James Webb Space Telescope

By Anita Kim Venegas



1. Why was French Guiana chosen as the launch site for the JWST?



Preview
Please log in to download
the printable version of this worksheet.

3. How far away from Earth is the JWST?

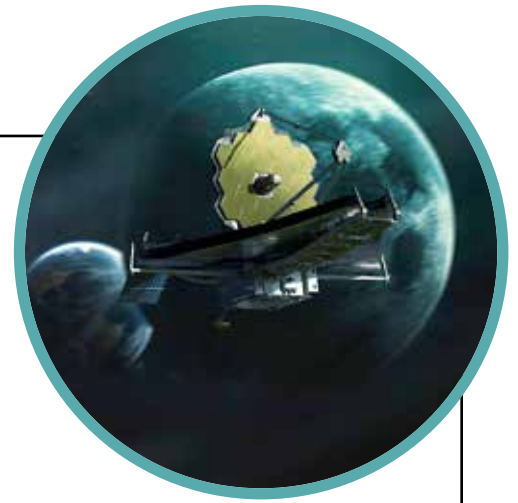
4. What was the author's purpose for writing this article?

- a. to encourage people to go to space
- b. to explain who James Webb is
- c. to teach people about the James Webb Space Telescope
- d. to explain why the James Webb Space Telescope cost so much money

Name: _____

James Webb Space Telescope

By Anita Kim Venegas



Match each vocabulary word from the article with the correct definition.

1. _____ astronomers a. sent out to be used for something

2. _____ malfunction b. people who study space



Preview

Please log in to download
the printable version of this worksheet.

6. _____ decades

f. shapes with six sides

7. _____ equator

g. pushed or thrown out

8. _____ ejected

h. the remains of something that was
destroyed or broken

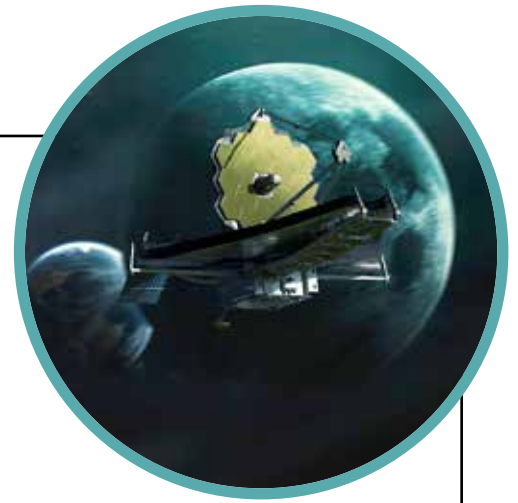
9. _____ deployed

i. periods of ten years

10. _____ hexagons

j. an imaginary circle that goes around the
middle of Earth between the North and
South Poles

Name: _____



James Webb Space Telescope

By Anita Kim Venegas

In the article, "James Webb Space Telescope," you learned about a powerful telescope used to explore space.

Imagine you had the opportunity to go to space. Would you want to go? Explain why or why not?



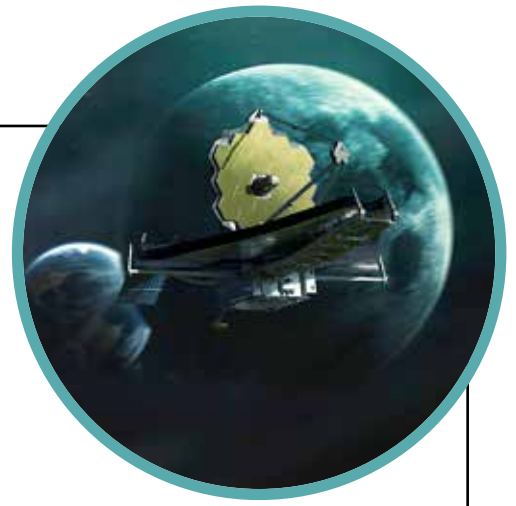
Preview

Please log in to download the printable version of this worksheet.

ANSWER KEY

James Webb Space Telescope

By Anita Kim Venegas



1. Why was French Guiana chosen as the launch site for the JWST?

**It was chosen because of its location near the equator
and the sea.**



Preview

Please log in to download
the printable version of this worksheet.

3. How far away from Earth is the JWST?

About 1 million miles

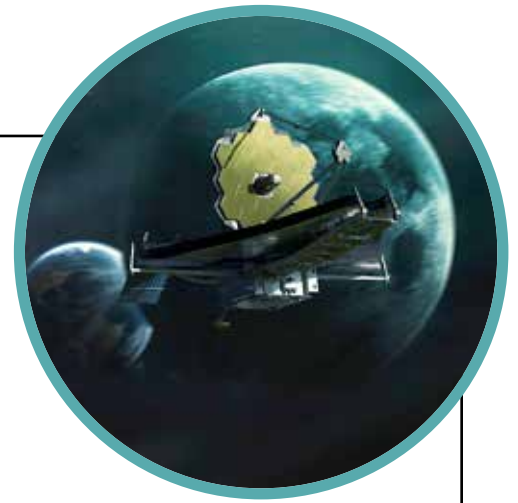
4. What was the author's purpose for writing this article?

- a. to encourage people to go to space
- b. to explain who James Webb is
- c. to teach people about the James Webb Space Telescope**
- d. to explain why the James Webb Space Telescope cost so much money

ANSWER KEY

James Webb Space Telescope

By Anita Kim Venegas



Match each vocabulary word from the article with the correct definition.

1. **b** astronomers **a.** sent out to be used for something
2. **d** malfunction **b.** people who study space



Preview

Please log in to download the printable version of this worksheet.

6. **i** decades **f.** shapes with six sides
7. **j** equator **g.** pushed or thrown out
8. **g** ejected **h.** the remains of something that was destroyed or broken
9. **a** deployed **i.** periods of ten years
10. **f** hexagons **j.** an imaginary circle that goes around the middle of Earth between the North and South Poles