

# Look Up!

## Explore Environments–Space



**RESPOND** to the need for new, even more powerful space telescopes to learn more about our universe. Why do you think it is important to learn about other planets, moons, galaxies, and stars?



Emma M.



**CREATE** a sketch of a telescope. It could be one that helps you look up at the night sky, or a space telescope that works outside of Earth's atmosphere. Learn more about NASA's telescopes like the Hubble, James Webb, and the Nancy Grace Roman Space Telescope that NASA plans to launch in 2027. Or you might decide to draw a new one that doesn't exist yet.



Breelyn S.

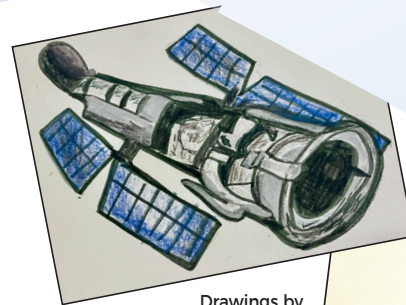
**SKETCH A TELESCOPE THAT ALREADY EXISTS OR ONE THAT MAY BE DESIGNED IN THE FUTURE.**



**PRESENT** your art and discuss how the telescope you drew helps people deepen their understanding of space. Compare and contrast the features of the various telescopes that others have sketched.



**CONNECT** the history and advances in telescopes with our ever-increasing knowledge about space. Leaders in this field, like Nancy Grace Roman, imagined equipment that never existed before. Ms. Roman needed to convince scientists and politicians of the value of building the Hubble Space Telescope. Her vision reminds us that innovation requires both imagination and factual knowledge. Discuss how, as a member of the Artemis Generation, you will see and create things that we can barely imagine today.



Drawings by Justin B.

