



SPACE COMMUNICATIONS AND NAVIGATION (SCaN) CHOICE BOARD

Grades 3-5

Create

Imagine you are an astronaut preparing for your next mission. Using magazines, cut out photos and create a collage of all the items you'd bring with you.



Collaborate

You and a partner will each write down four space-themed riddles on a piece of paper. After swapping, see if you can solve them all!

"I look like swiss cheese in the night sky. What am I?"

Teach

Create and share a poster with classmates and family that highlight five fun facts you know about space communications!



Analyze



Read about Global Positioning System (GPS) and write down three fun facts that you learned.

Solve



Solve the Mystery Message by scanning the QR code!

Watch



Compare how you'd make a PB&J in space versus on Earth!

Write

Write half-a-page on what you think a diary entry of an Artemis astronaut might say about exploring the Moon.



Design

Design a new communications satellite for NASA SCaN. Draw it on a sheet of paper, label the transmitter and the receiver, and give your satellite a name!



Record

Write a poem or song about NASA's Artemis missions. Record yourself performing what you wrote and share your video with your teacher.



Did You Know?



NASA SCaN can send information through radio waves to communicate to and from space. Radio waves are invisible, but they are all around us.