

Science Activity 4

Make the Case for Your Site

Share the evidence you collected. Explain why NASA should send a rover to your top site. Record your response.

We think NASA should send a rover to

We have chosen this site because

(1)

(2)

(3)

Did You Know?

The Viking landers had landing ellipses more than 100 km long, but improvements in science and engineering have shrunk the uncertainty of Mars landings down to within just a few kilometers. Future missions may be able to land with pinpoint accuracy.

NASA uses a variety of mission types to gather information about a planetary body surface. For Mars, remote sensing instruments Mars Reconnaissance Orbiter (MRO); High Resolution Imaging Science Experiment (HiRISE), Compact Reconnaissance Imaging Spectrometer for Mars (CRISM), landers and rovers (Insight, Spirit, Opportunity, Curiosity), and sample return (Perseverance). On the moon, the Apollo and Artemis missions included sample return.

More to Explore

Find out more about Remote Sensing on the PLANETS website.



<https://planets-stem.org/betars-youth-resources-page/>