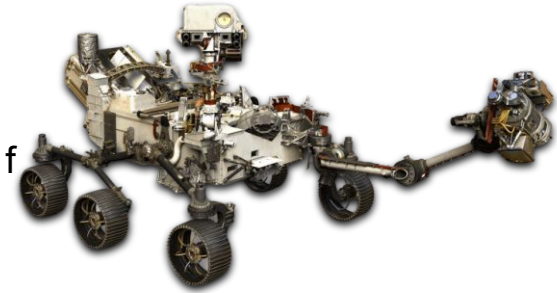
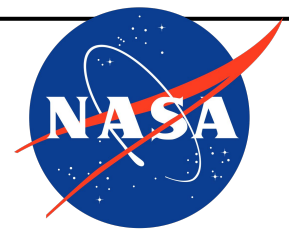


The Perseverance Rover



Digital Flipbook Challenge!

This is a challenge. Go through the tabs and answer the questions correctly to receive your secret code!

FIRST



The Naming of The Rover

THEN



NASA's New Technology

NEXT



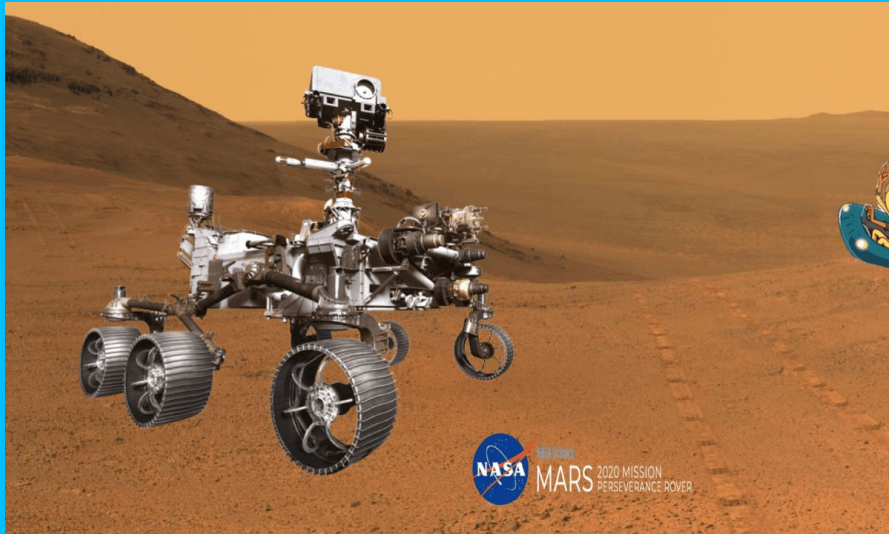
Purpose of the Mission

FINALLY



Instruments on Board

CONGRATS! YOU IT! DID IT!



SECRETE CATCH PHRASE:

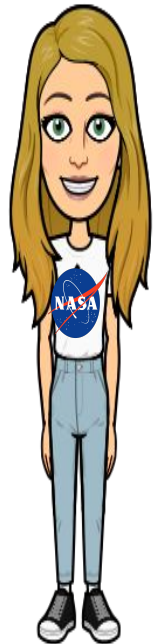
#GoPerservance

Beginning

Make sure you submit this secrete catch phrase to your
google form attached to your assignment!

Naming The Rover

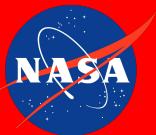
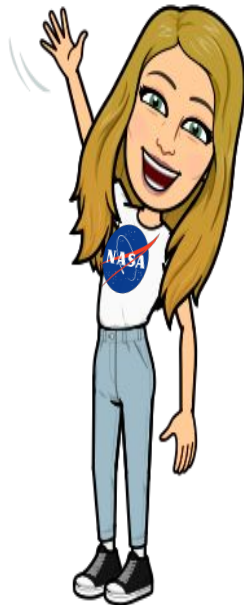
**A SEVENTH GRADE STUDENT
NAMED THE ROVER !
HOW COOL !**



WATCH THE VIDEO AND CLICK NEXT TO LEARN MORE !

NEXT

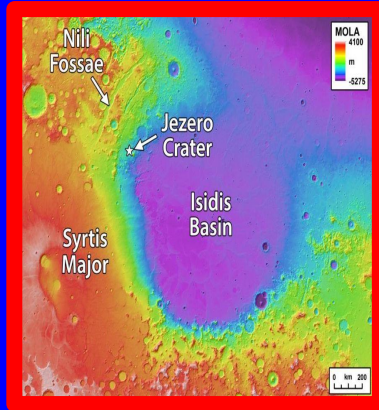
NASA Perseverance



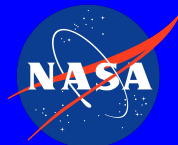
WATCH THE VIDEO AND THEN CLICK THE *BLUE* NEXT BUTTON.

NEXT

NASA Perseverance



The Perseverance Rover will land on the Jezero Crater on the planet Mars.



Check for Understanding

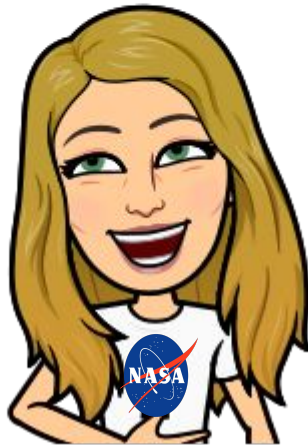
How will the capsule help the Perseverance Rover land on Mars ?

- A** It will help the capsule's velocity speed up as it enters the atmosphere.
- B** It will cause the velocity of the capsule to slow down as it enters the atmosphere.
- C** It will cause the capsule to stabilize in the atmosphere.
- D** The capsule has no effect on the rover entering Mars's atmosphere.

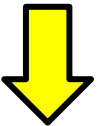
NASA'S NEW TECHNOLOGY

NASA Perseverance

TRY
AGAIN



TRY
AGAIN!



Rewatch the video.

Back

NASA Perseverance

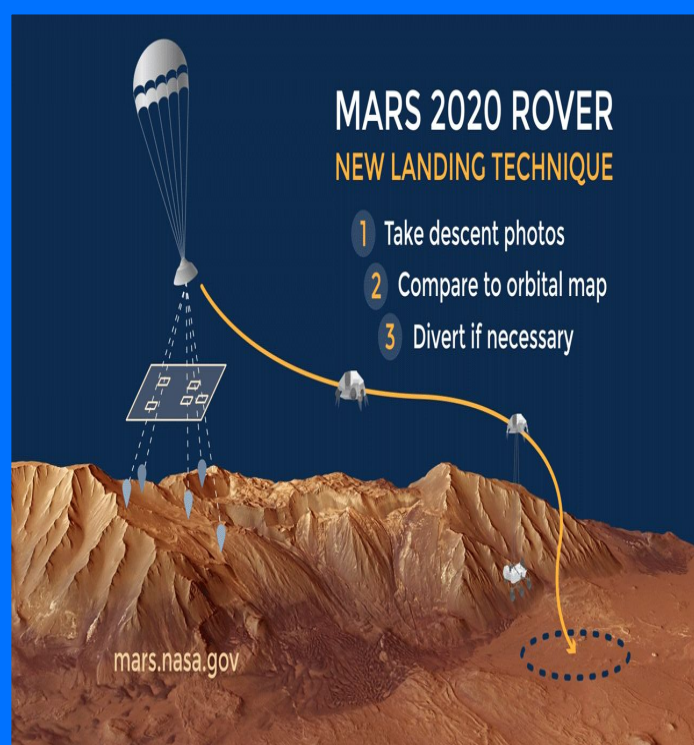


Wow, great attention to details.

NEXT

NASA

Perseverance



Check for Understanding

As the capsule is descending into the Mars atmosphere it is called:

A

The nominal descent

B

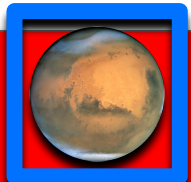
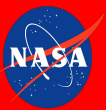
7 minutes of terror

C

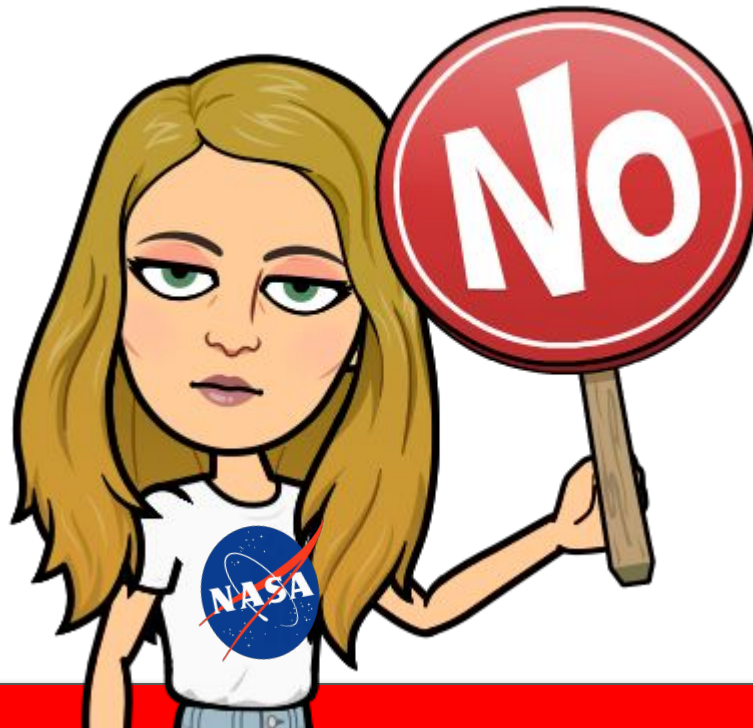
The descent process

D

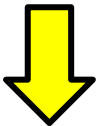
The diversion plan



NASA Perseverance



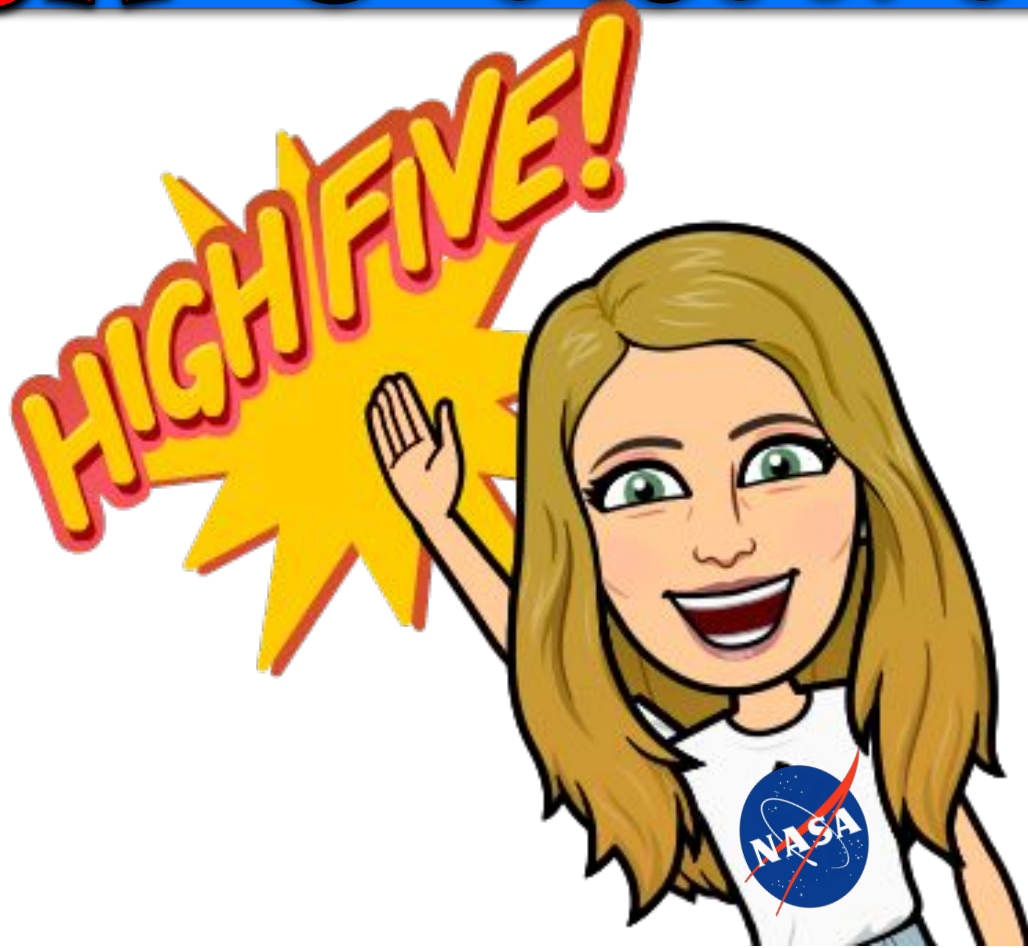
**TRY
AGAIN!**



Go back and watch the video again.

Back

NASA Perseverance



You are going to be the next astronaut traveling to Mars !

NEXT

Purpose of the MISSION

Check for Understanding

What is the purpose for the mission to Mars ?



A

All of these

B

Caching to bring samples back to earth.

C

Search for ancient microlife

D

Studying Bio-Signatures

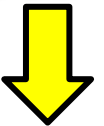


Watch the video to answer !

Purpose of the MISSION



**TRY
AGAIN!**



Watch the video again.

BACK

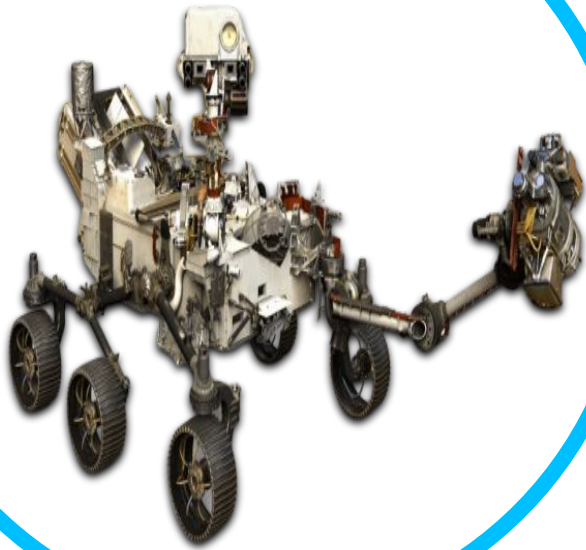
Purpose of the MISSION



You are ready to visit Jezero Crater.

Next

The Perseverance Rover



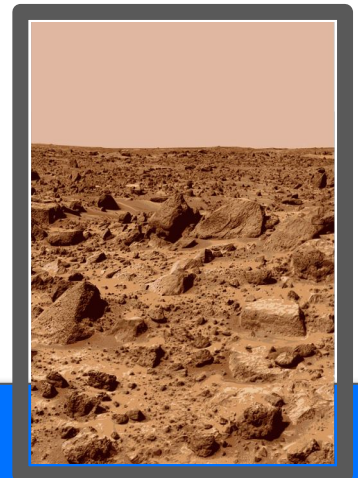
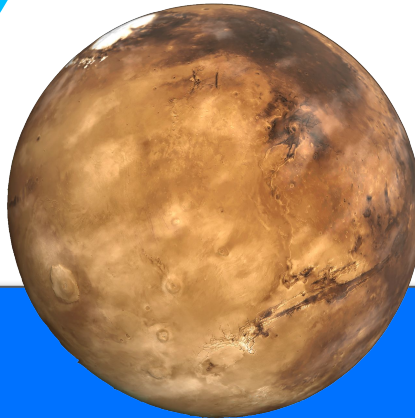
The rover has been designed to mimic the previous Curiosity Rover ?

A

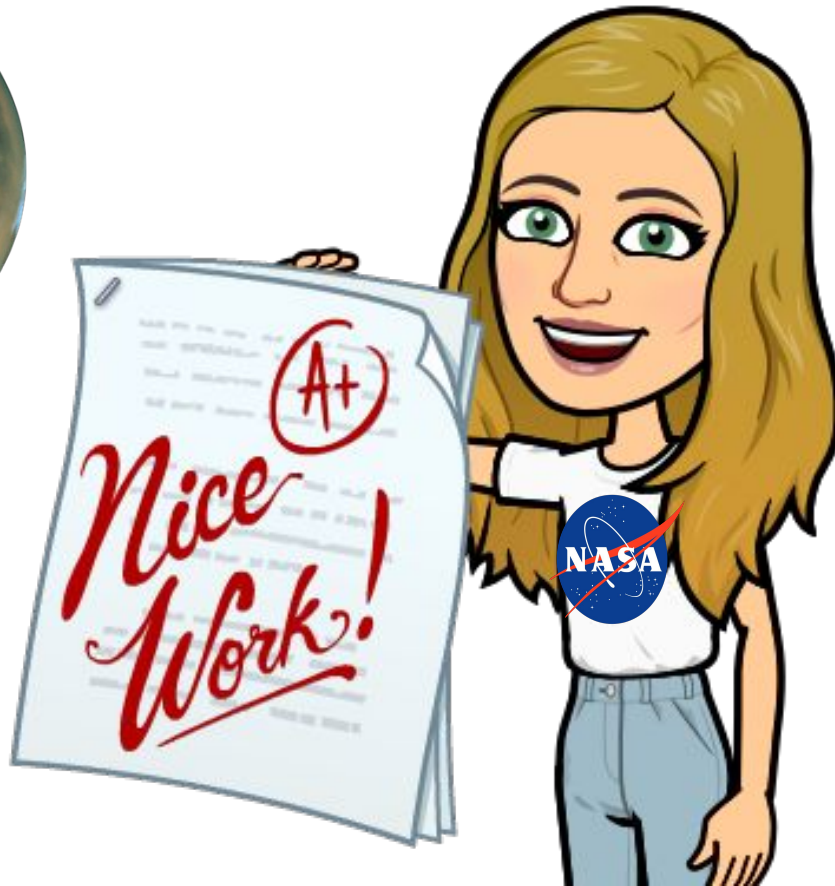
True

B

False



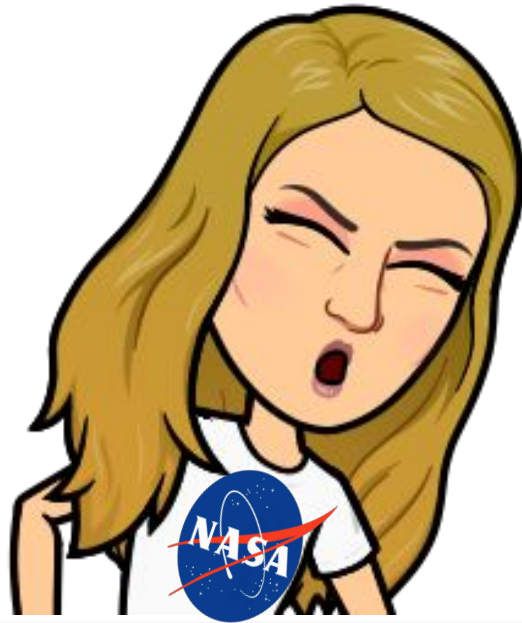
Destination Mars



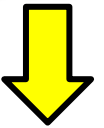
Next

Destination Mars

D'OH!

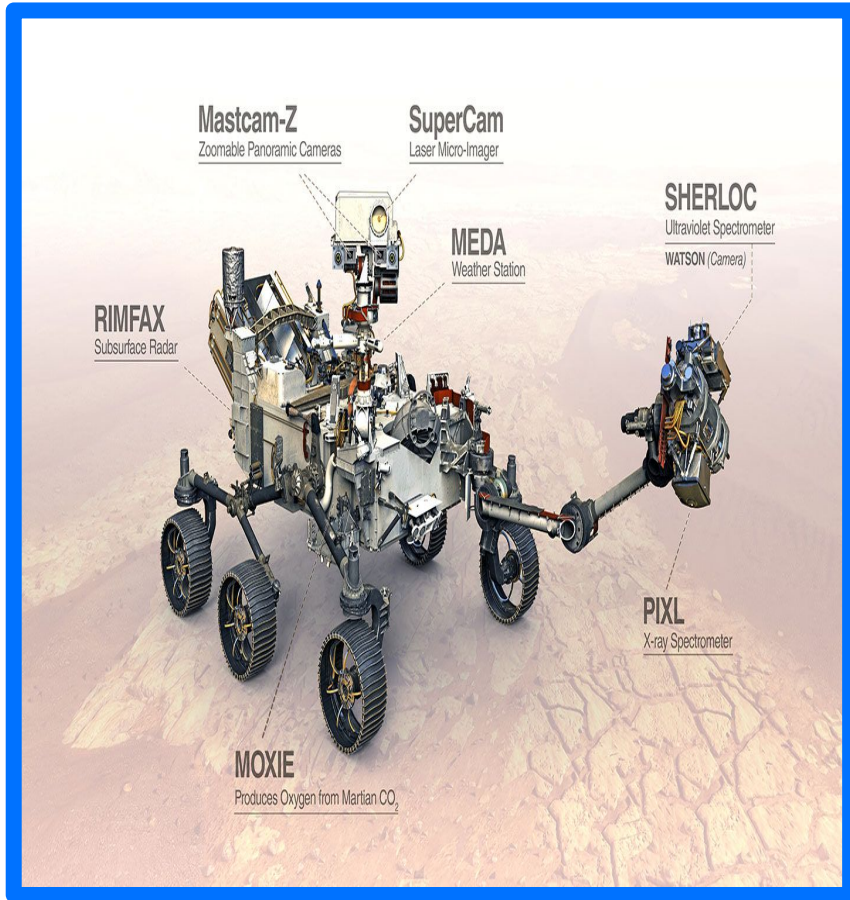


TRY
AGAIN!



BACK

Instruments On Board



Check for Understanding

The instrument that will produce oxygen from Mar's carbon dioxide.

A

Pixl

B

Media

C

Moxie

D

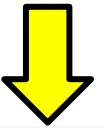
Mastcam-Z

CLICK ON THE PICTURE OF PESERVERANCE TO LEARN ABOUT ITS INSTRUMENTS AND ANSWER THE QUESTIONS.

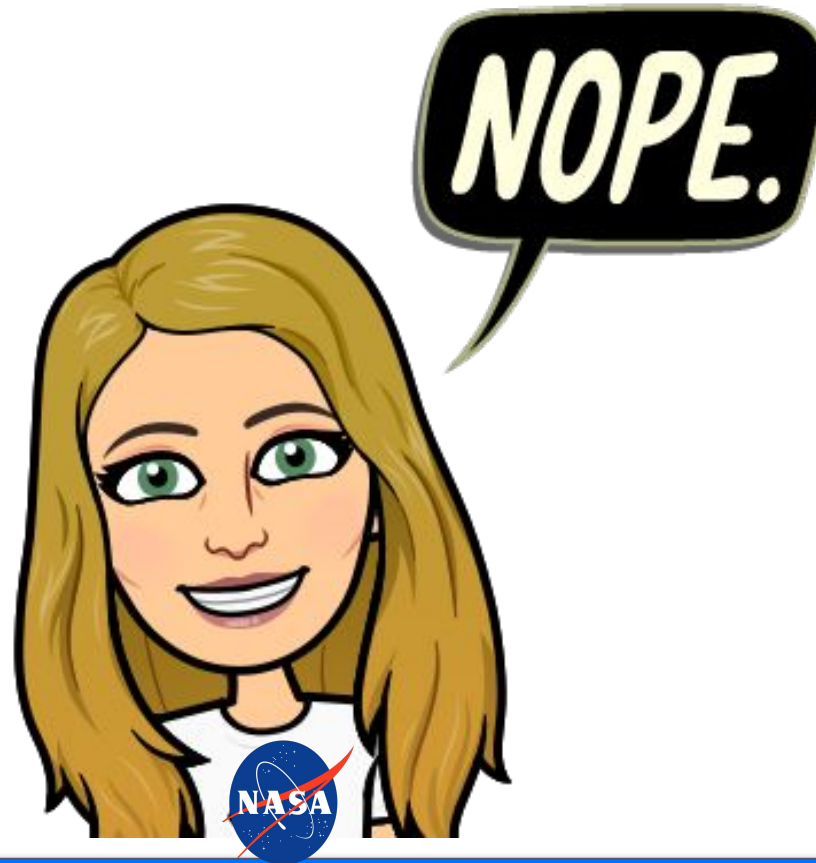
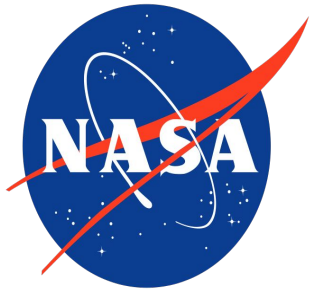
You can do it, try again!



**TRY
AGAIN!**



BACK



**TRY
AGAIN!**

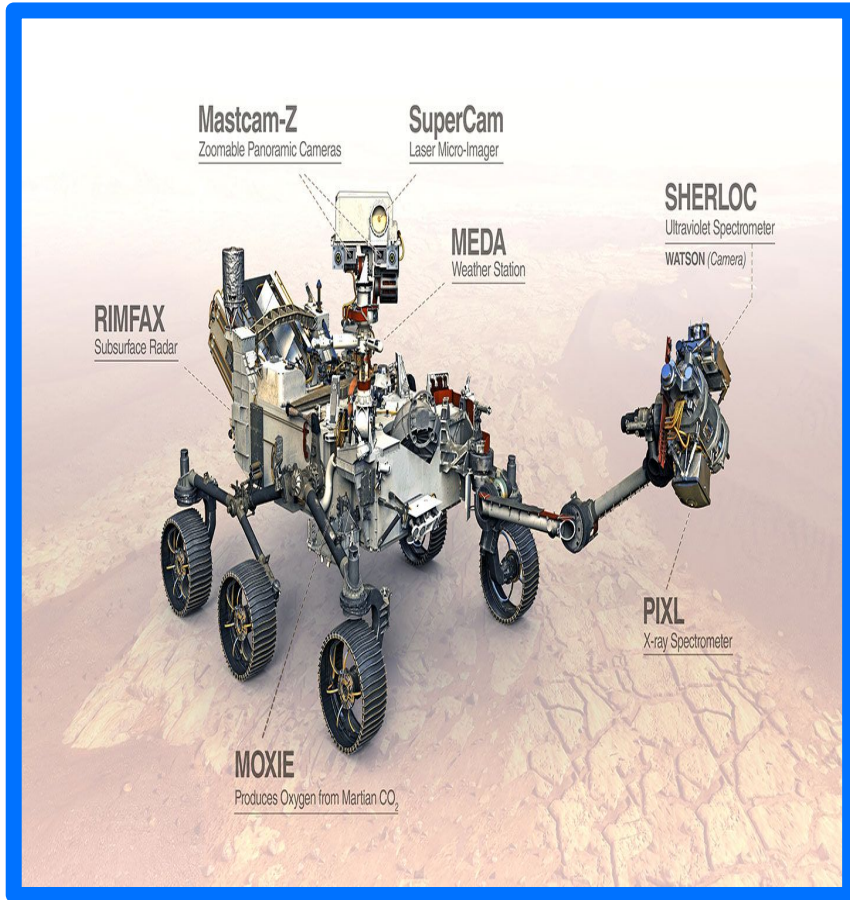


BACK

Instruments On Board

Check for Understanding

What tool is a spectrophotometer to learn about the elemental composition of Mars.



A

Pixl

B

Media

C

Moxie

D

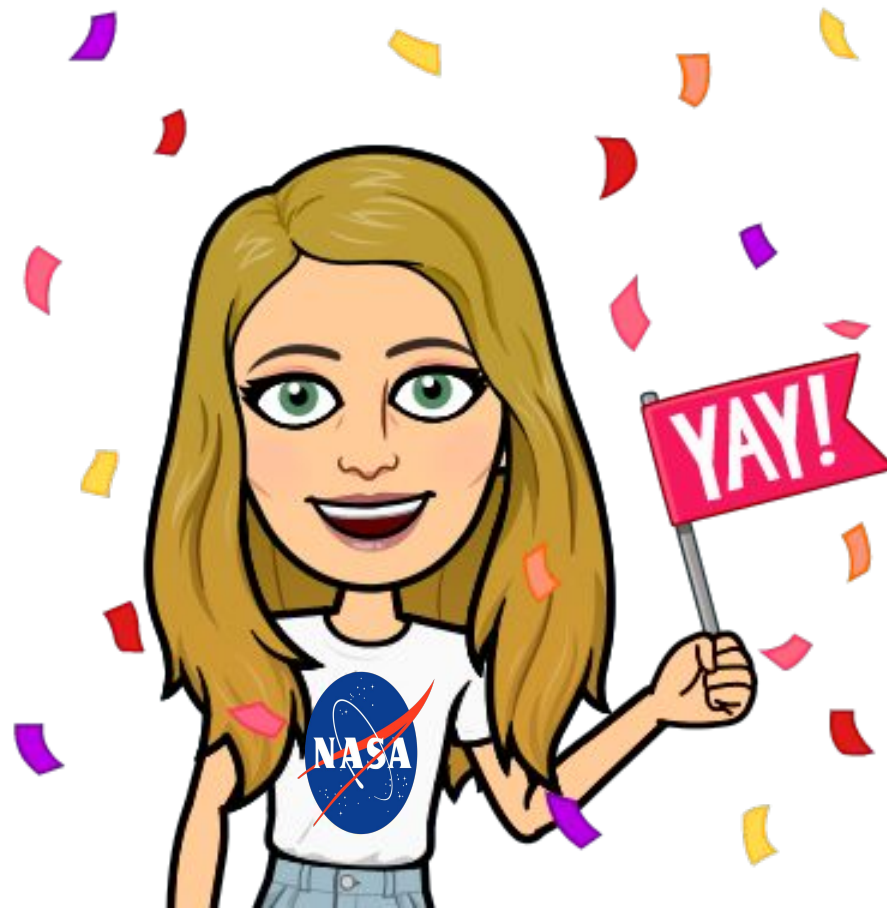
Mastcam-Z

CLICK ON THE PICTURE OF PESERVERANCE TO LEARN ABOUT ITS INSTRUMENTS AND ANSWER THE QUESTIONS.

Go Perseverance



NEXT



Final