



MISSION: MARS 2020

The Mars 2020 Perseverance Rover will search for signs of ancient microbial life, which will advance NASA's quest to explore the past habitability of Mars. The rover has a drill to collect core samples of Martian rock and soil, then store them in sealed tubes for pickup by a future mission that would ferry them back to Earth for detailed analysis. Perseverance will also test technologies to help pave the way for future human exploration of Mars.



MARS
PERSEVERANCE

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QUICK FACTS

Code a Mars Helicopter Video Game



Create a video game that lets players explore the Red Planet with a helicopter like the one going to Mars with NASA's Perseverance rover! Use Scratch, a visual programming language and think like NASA space-mission planners to design your game!



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Explore Jezero Crater

- Mission Name: Mars 2020
- Rover Name: Perseverance
Main Job: The Perseverance rover will seek signs of ancient life and collect rock and soil samples for possible return to Earth.
- Launch: July 30, 2020, Cape Canaveral Air Force Station, Florida
- Landing: Feb. 18, 2021
Landing Site: Jezero Crater, Mars
- Mission Duration: At least one Mars year (about 687 Earth days)
- Tech Demo: The Mars Helicopter is a technology demonstration, hitching a ride on the Perseverance rover.