

# Earth and Space Science

Sept. 13, 2019

Day 2/10



*At the end of today's lesson you will:*

- How can we search for evidence that other planets were once habitable?
- What geologic process could have formed the channel on Mars?

**Classwork-**

- In this lesson, students review the parts of the Earth system by watching a short video. Then, students use an interactive digital tool, Google Mars™, to explore the surface of Mars and look for landforms that could be evidence that water once flowed on the planet.
- After their Google Mars exploration, students are introduced to a channel on the surface of Mars that could have been formed by flowing water or flowing lava. The question of how this channel was formed is the focus for the remainder of the unit.
- Students begin to gather evidence for what formed the channel by observing aerial images of landforms on Earth that were formed by flowing water or flowing lava. Students learn that investigating geologic processes and landforms on Earth can help them understand what geologic processes may have formed landforms on Mars.

**Homework-**

- Complete 1.2 Homework.
- Start to review the vocabulary terms we will use in this unit. [Geology on Mars Quizlet](#).