

# Geology on Mars

## UNIT QUESTION:

- *How can we search for evidence that other planets were once habitable?*

## Chapter Questions:

1. What geologic process could have formed the channel on Mars?
2. How can we gather more evidence about whether lava or water formed the channel on Mars?
3. How can we decide which geologic process formed the channel on Mars?

## Key Concepts:

1. Earth, Mars, and other rocky planets can be thought of as systems. These systems are made up of interacting spheres that can include the geosphere, atmosphere, hydrosphere, and biosphere.
2. *When landforms on different rocky planets look similar, it is evidence that they may have been formed by the same geologic process.*
3. *Scientists can use models to test their ideas and get evidence about processes in the natural world that are difficult to observe.*
4. *Landforms can provide evidence about the past because they remain after the geologic processes that formed them stop happening.*
5. *Models represent the natural processes being investigated in important ways, but they are not exactly the same.*