

# Earth and Space Science

Sept. 19, 2019

Day 2/14



## *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-*

- Geology on Mars 2.2
- Students reflect on how models provide evidence to answer scientific questions.
- First, they return to the “Investigating Landforms on Venus” article to deepen their understanding of how Researcher Taras Gerya’s model provided evidence for how novae on Venus were formed. Then, the class uses a Flowing Water Model to gather evidence about what formed the channel on Mars.
- Students make observations of a stream table during the Flowing Water Model demonstration and share these observations in a class discussion.
- This pairing of text-based and hands-on activities helps students learn how scientists use models to test ideas and gather evidence.

## *Homework-*

- Complete 2.2 Homework.
- Review the vocabulary terms we will use in this unit. Geology on Mars Quizlet. **Geology on Mars Vocabulary Quiz Friday!**