

Galaxy

Days 5-6



Daily Launch Day 5



Do Now: A Thank You Letter for the Earth

We've learned over the past few days that the Earth is a special place, and that it might not last forever. Write a thank you letter expressing your gratitude, and include details about what you appreciate!

THANK YOU

Dear Earth,

Sincerely,



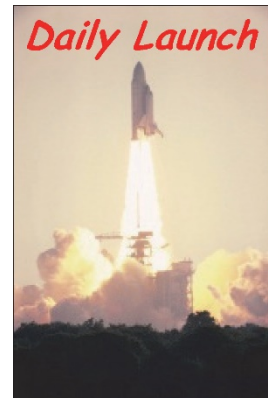
Daily Launch Day 6

Do Now: Your “Goldilocks Planet”

Do you know the story of Goldilocks? In this folk tale, the little girl Goldilocks was looking for a home that was just right: a chair that was not too big or too small, but “just right,” and food that was not too hot or too cold, but “just right.”

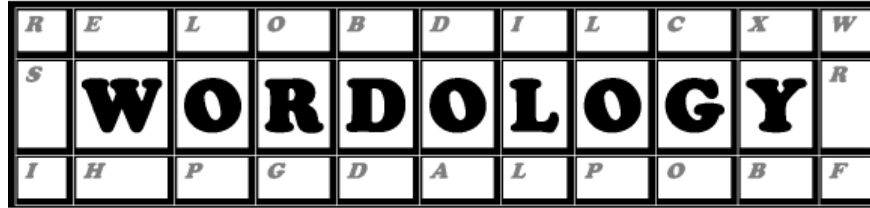
If you had to live on another planet, what would you want it to be like? What would make it “just right” for you—your dream planet?

Write your ideas in the space below. What would the climate, scenery, animal and plant life, etc., be like? Remember—anything is possible!



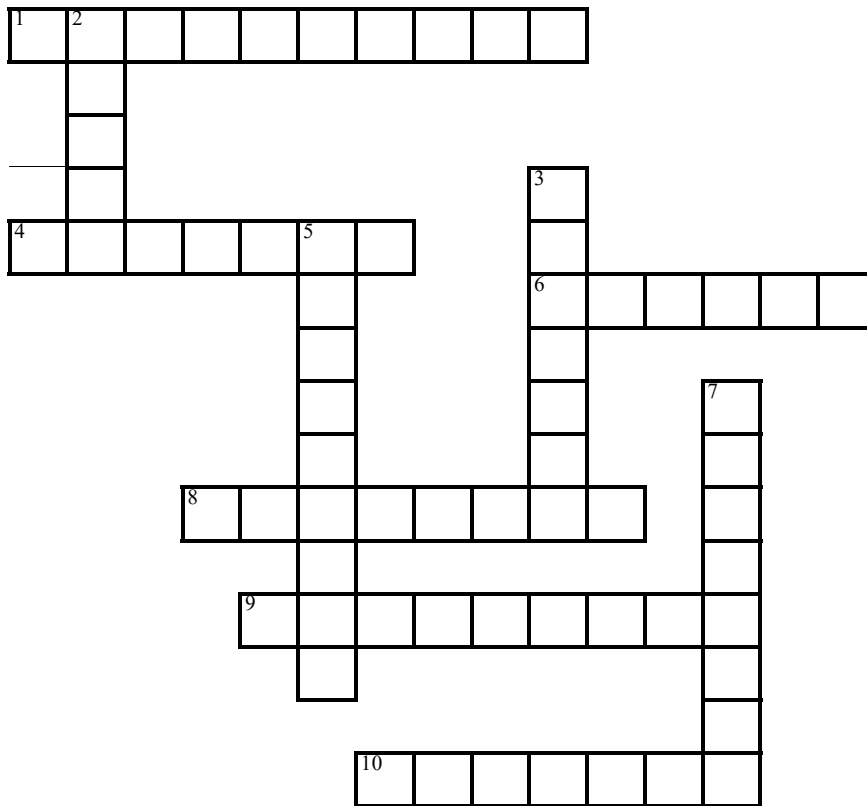
My dream planet would _____





Wordology Activity #1: Galaxy Crossword

Instructions: Choose words from the Word Bank to complete this puzzle. The Clues box will help you decide which words fit in which spaces.



| Word Bank | |
|-----------|------------|
| examine | route |
| ancient | quantity |
| telescope | evidence |
| automated | canyon |
| regular | artificial |

Created using the Crossword Maker on TheTeachersCorner.net

Clues

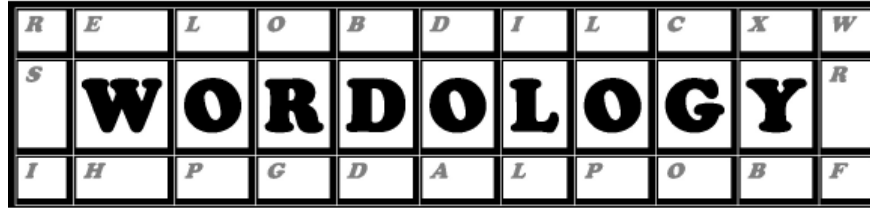
Across

- 1. human-made
- 4. happening at a steady rate
- 6. a deep, sharp valley
- 8. amount
- 9. used to see things that are far away
- 10. to observe closely

Down

- 2. a path from here to there
- 3. extremely old
- 5. set to work on its own
- 7. facts that point to a conclusion





Wordology Activity #2: Mars Adventure Journal

Instructions: Try to use at least six of the words from the Word Bank to describe a journey to Mars in a fictional journal entry. The first sentence has been written for you already.

| | | |
|----------|----------|------------|
| examine | route | automated |
| ancient | quantity | regular |
| evidence | canyon | artificial |

Last week, I got to see in person something I thought I would only ever see through a **telescope**: Mars. I snuck onto a spaceship in astronaut gear...



Name _____ Date _____

Galaxy Days 5 and 6

| | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| R | E | L | O | B | D | I | L | C | X | W |
| S | W | O | R | D | O | L | O | G | Y | R |
| I | H | P | G | D | A | L | P | O | B | F |

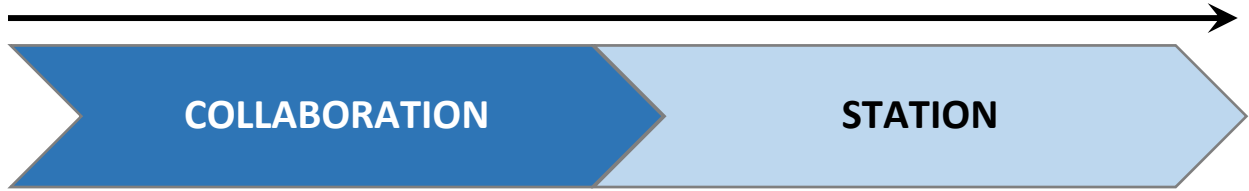
Composing Meaningful Sentences

If you complete your chosen Wordology activity, take the remaining time at this station to write Meaningful Sentences using the vocabulary words listed below. (Remember, a Meaningful Sentence is a sentence that shows that you know what the word means!) Read and discuss your sentences with your teammates.

Word Bank

| | | | |
|----------|----------|-----------|---------|
| examine | route | automated | ancient |
| evidence | quantity | regular | canyon |





Collaboration Station: Fact Hunt

Partner read “Can Anything Live without Water?” and “Could We Make Our Own Planet to Live On?” on pages 18-21 (take turns reading the paragraphs). **You do not need to read the text boxes on page 19 and page 21** (“Do Other Planets Have Anything Like Water?” and “Hands-On Science”).

Then, complete the Fact Hunt below using complete sentences:

| Question | Answer |
|---|--------|
| 1. What is one interesting fact about tardigrades? | |
| 2. Why might life on another planet not require water to survive? | |
| 3. What is the name of the spacecraft where people have been living since 2000? | |
| 4. Why would an artificial spacecraft for humans need to spin? | |



Name _____ Date _____

Galaxy Days 5 and 6

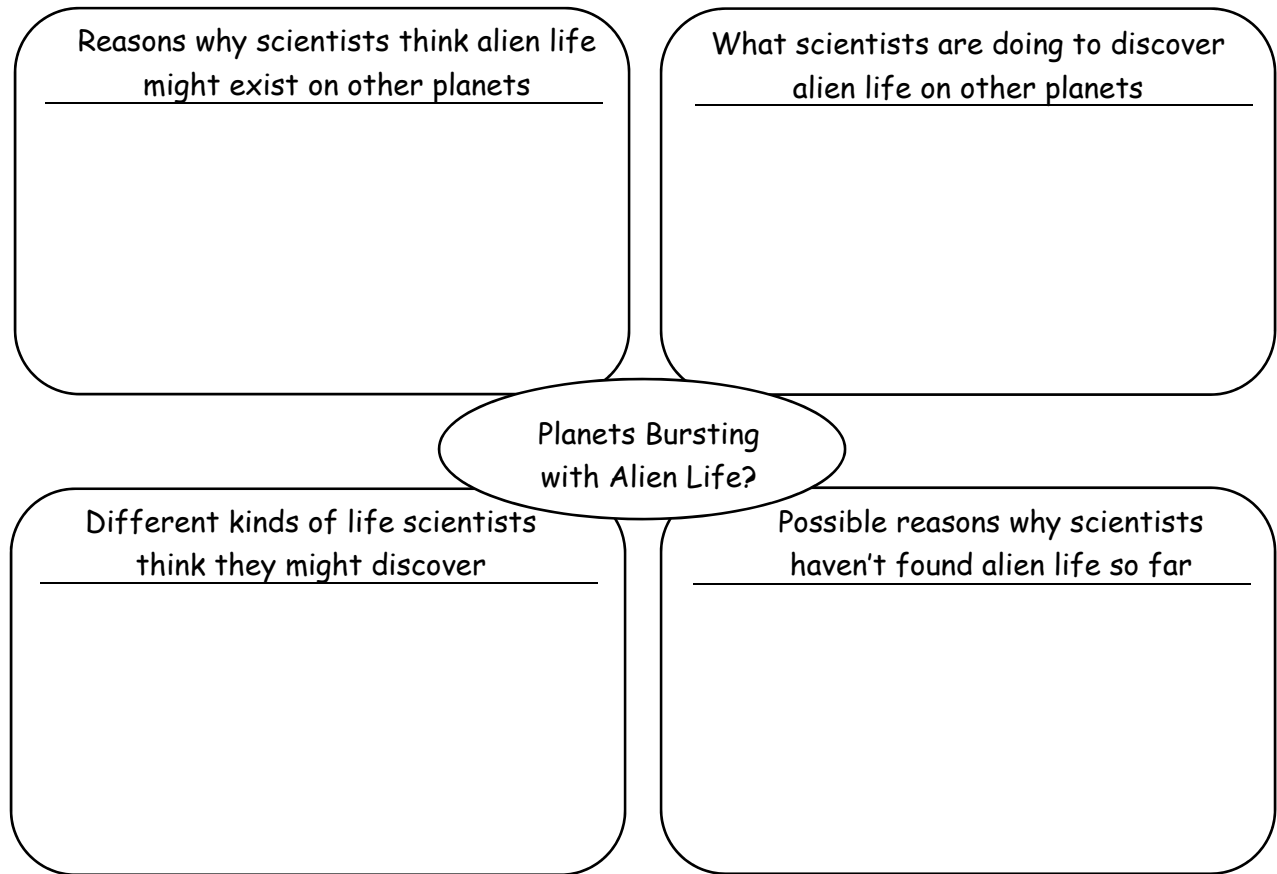


Media Madness

Instructions: Watch the video at the link below on your device and **fill out** the graphic organizer. Watch the video more than once if you need to. Then **answer the question** at the bottom of the page.

“Planets Bursting with Alien Life Might Exist,” by Newsweek:

<https://www.newsweek.com/planets-alien-life-solar-system-scientists-1455729>



Your opinion: Do you think people should spend time and money looking for alien life on other planets? Why or why not? _____



