

# Galaxy

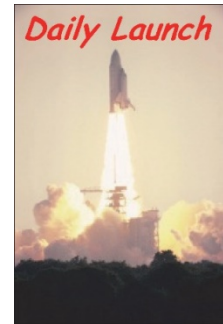
Days 1-2



# Daily Launch Day 1

## Do Now: Background Knowledge

**Instructions:** In the chart below, list three things you know about outer space. Then list three things you want to learn during the *Galaxy ALFA* lab unit.



Three things I know about outer space	Three things I want to learn about space
1. _____ _____ _____	1. _____ _____ _____
2. _____ _____ _____	2. _____ _____ _____
3. _____ _____ _____	3. _____ _____ _____







Name \_\_\_\_\_ Date \_\_\_\_\_

# Daily Launch Day 2

## Do Now: Popular Media

**Instructions:** Reflect on the question below about popular media and answer the question in the space provided. Try to remember what you've seen or heard about outer space!



**Think about movies, games, or shows that you have seen with settings in outer space (such as *Star Wars*, *The Avengers*, *The Orville*, *Guardians of the Galaxy*, or *The Martian*). List some ways those settings were different from Earth.**

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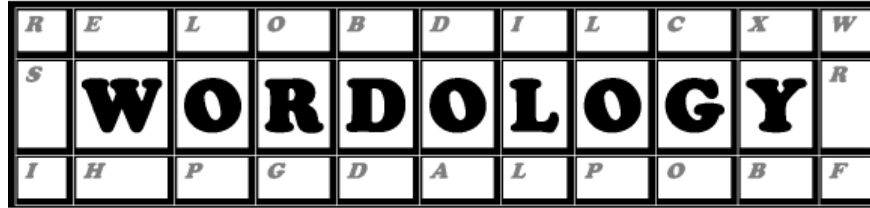
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**Wordology Activity #1: Vocabulary Scramble**

**Instructions:** Unscramble the letters to find words that fit in the boxes. All the words come from the Word Bank at the bottom of the page.

1. The gases that surround a planet are called its \_\_\_\_\_.

eeratspomh

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2. With a roar the rocket escaped the pull of \_\_\_\_\_ and headed into space.

vigaryt

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3. The ice skater spun faster and faster around an imaginary \_\_\_\_\_.

isxa

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4. To scratch the \_\_\_\_\_ means to barely touch a big issue.

cefsrua

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5. Mom wiped the table with bleach to kill the \_\_\_\_\_.

scongamorimisr

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6. The \_\_\_\_\_ of that region is dry and scorching.

mteaicl

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7. Scientists hope to make Mars \_\_\_\_\_ one day.

atelhaibb

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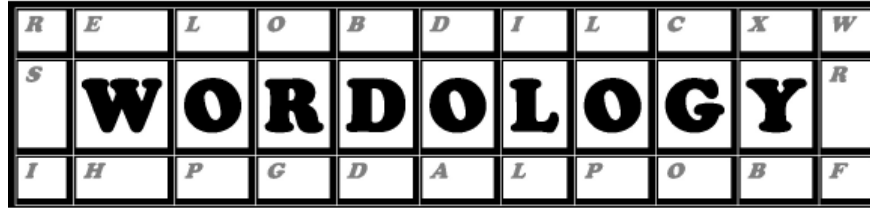
**Word Bank**

axis	solar	habitable	atmosphere	microorganisms
gravity	climate	surface	alien	



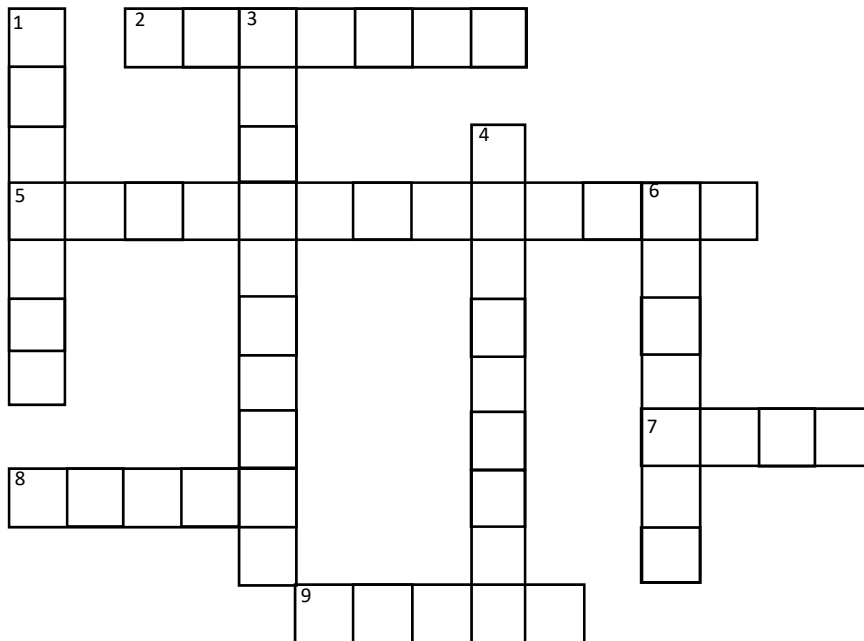






### Wordology Activity #2: Galaxy Crossword

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



**Clues**

**Across**

- 2. the reason why things fall down
- 5. it's alive but too tiny to see
- 7. imaginary center line of a spinning object
- 8. about the sun
- 9. from a different place

**Down**

- 1. weather conditions
- 3. gases surrounding a planet
- 4. you can live there
- 6. only skin-deep

**Word Bank**

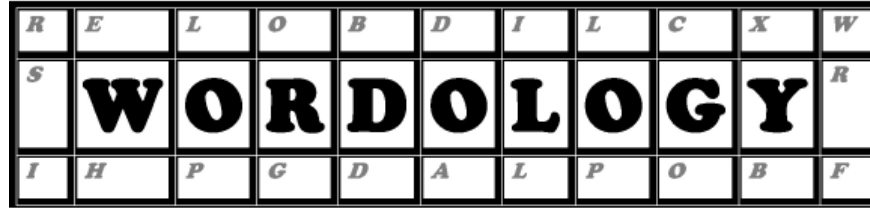
- |               |         |
|---------------|---------|
| axis          | solar   |
| habitable     | gravity |
| atmosphere    | climate |
| surface       | alien   |
| microorganism |         |











### Wordology Activity #3: Using Vocabulary Words

Answer the guide questions in complete sentences. Be sure to include the vocabulary word in your answer.

Vocabulary Word	Guide Question	Complete Sentence
1. <b>gravity</b>	How does <b>gravity</b> affect us in daily life?	
2. <b>atmosphere</b>	Why is it important for the <b>atmosphere</b> to be free of smoke and pollution?	
3. <b>solar</b>	What kind of energy do <b>solar</b> panels use?	
4. <b>habitable</b>	Describe some features that make our Earth <b>habitable</b> .	
5. <b>climate</b>	Describe the <b>climate</b> where you live right now.	

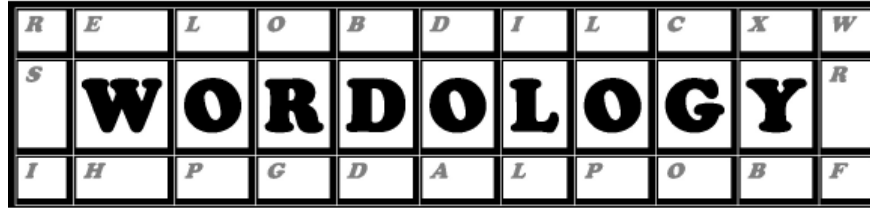






Name \_\_\_\_\_ Date \_\_\_\_\_

Galaxy Days 1 and 2



### 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.

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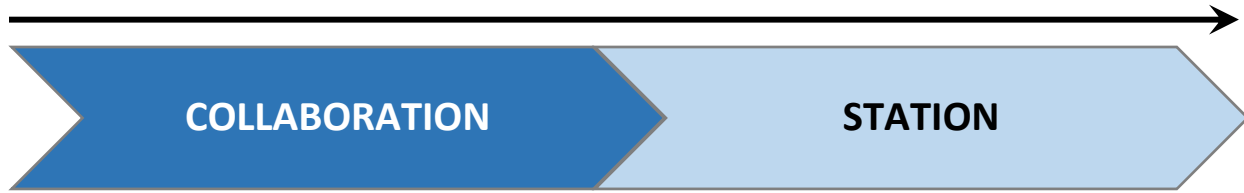
<b>Word Bank</b>				
axis	solar	habitable	atmosphere	microorganisms
gravity	climate	surface	alien	











**Galaxy Text Walk**

**Instructions:** Look at the cover of the book *Could We Survive on Other Planets?* Open it and flip through the pages. Look at the book as you **read and discuss these questions** with your team. After you talk about all the questions, **write your own answer** under each question.

1. Find one thing in the book—a picture or a statement—that you’ve already seen or heard about. What is it?

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2. Find one thing that is new to you and that you want to learn more about. What is it? Why do you want to learn more about it?

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3. What do you like or dislike about the way this book is put together?

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Name \_\_\_\_\_ Date \_\_\_\_\_

Galaxy Days 1 and 2



# Media Madness

## Media Madness

**Instructions:** Watch the video at the link below on your device (tablet or laptop, depending on your teacher's instructions). Turn on the subtitles for fluency practice. Take notes in the chart below!

<https://www.youtube.com/watch?v=libKVRa01L8>

"Solar System 101" by National Geographic:

### The Milky Way and our solar system

Three facts I learned:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Planets in our solar system

Six facts I learned:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

If you finish the assignment, you may want to view this video as well:

<https://www.youtube.com/watch?v=zR3lgc3Rhfg>







