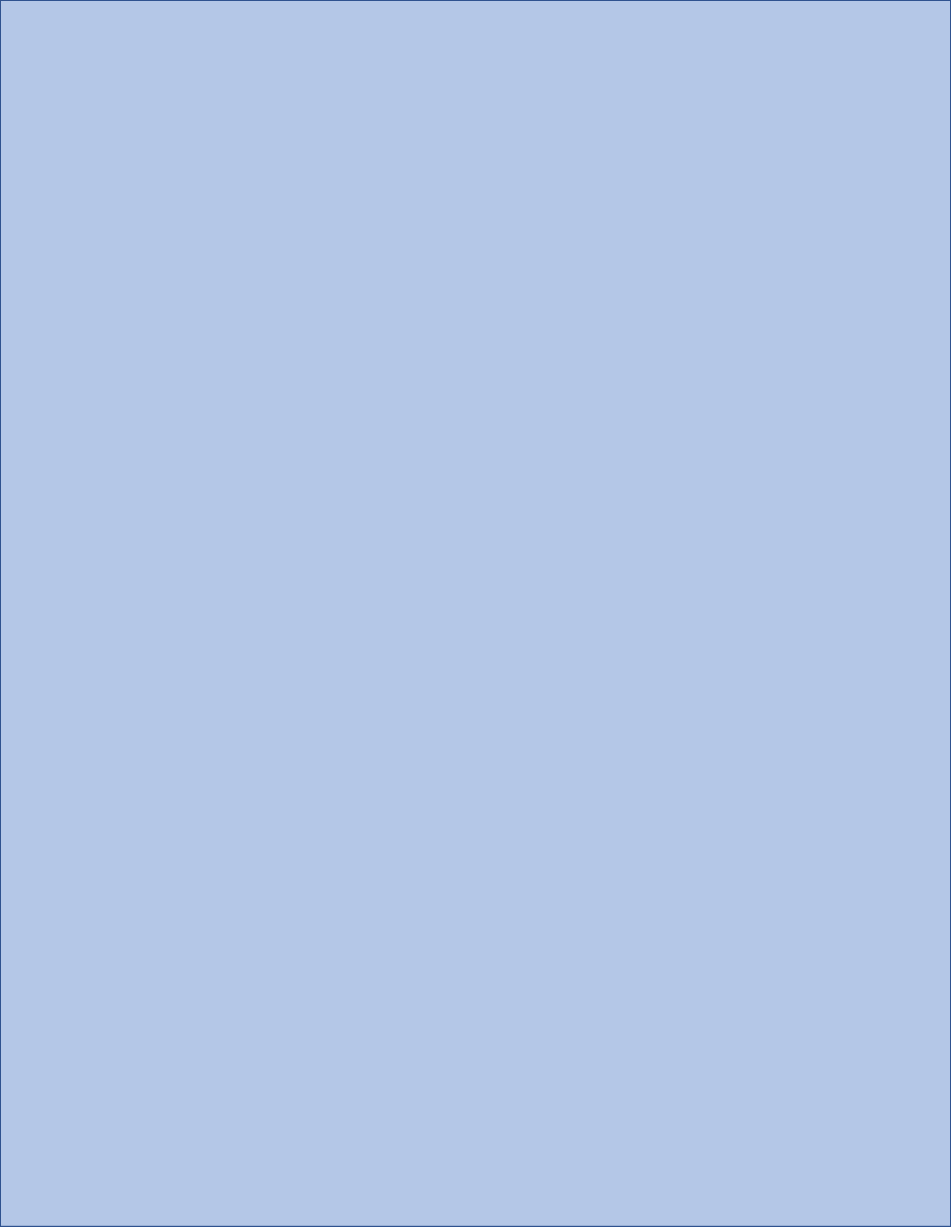


# Galaxy

Days 3-4



# Daily Launch Day 3

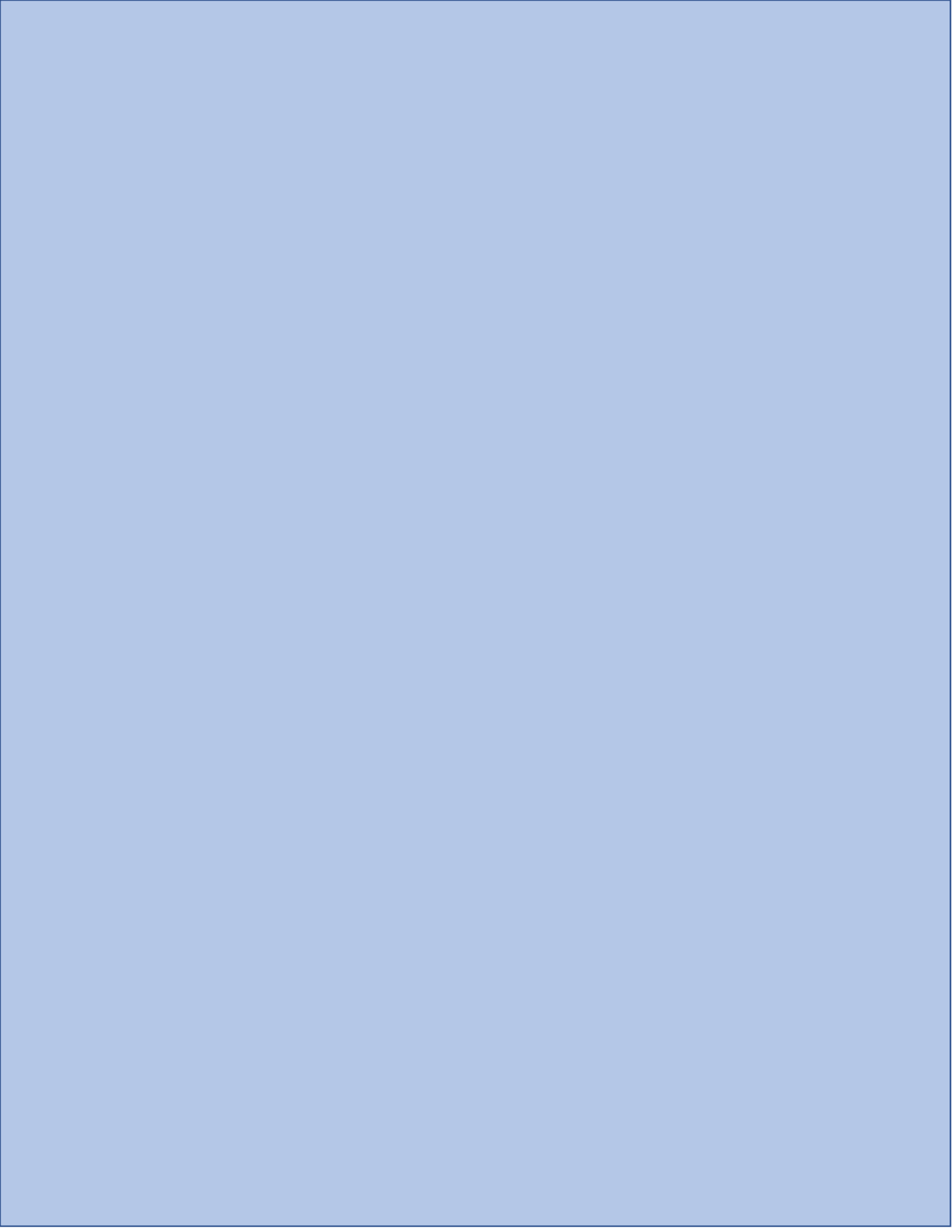
## Do Now: Survival vs. Happiness

**Instructions:** On the left side of the chart below, write down things you think humans need for basic survival. On the right side, write other things humans like to have that make their lives enjoyable.



What basic things do humans need to live?	What other things help to make human lives happy?
•	•
•	•
•	•
•	•
•	•







## Daily Launch Day 4

### Do Now: Would You Move to Mars?

**Instructions:** Read the scenario and then list the benefits and drawbacks of moving to Mars in the chart below.

**Scenario:** The company SpaceX has announced that it's ready to set up its first colony on Mars for just 200 people. You have been invited to go, but no one else you know has. What would you do? List the benefits and drawbacks of accepting this invitation in the chart below.



Benefits of Moving to Mars	Drawbacks of Moving to Mars

**What is your final decision? Why?**

---



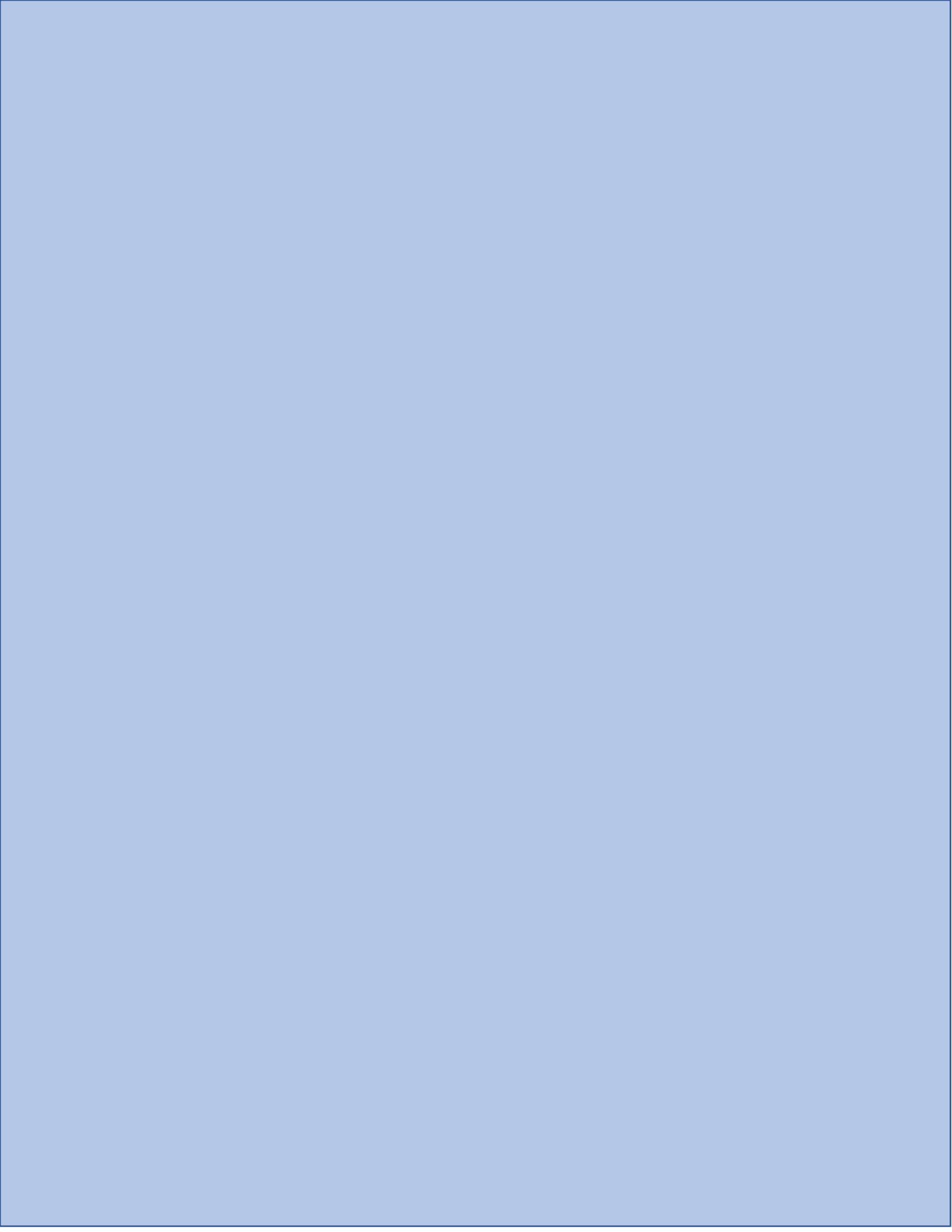
---



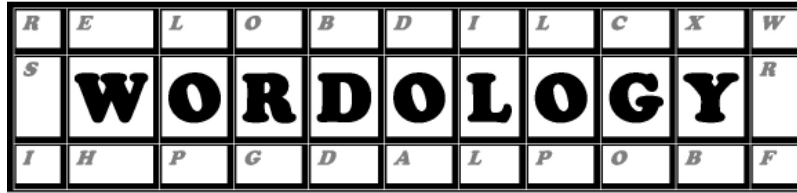
---











### 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. A circular path around something is called an

brito

--	--	--	--	--	--

2. The ice skater was twirling in a \_\_\_\_\_ motion.

curalcir

--	--	--	--	--	--	--	--	--

3. Our solar system is one small part of a big \_\_\_\_\_.

xaylga

--	--	--	--	--	--

4. Video games are a fun way to escape the \_\_\_\_\_ of everyday life.

aytiler

--	--	--	--	--	--	--	--

5. If the air is not \_\_\_\_\_ you will need a gas mask.

tblehaerb

--	--	--	--	--	--	--	--	--	--

6. A giant \_\_\_\_\_ made of space rock may have hit Earth long ago.

risadeto

--	--	--	--	--	--	--	--

7. A nurse had to \_\_\_\_\_ Grandma because she forgot to drink water and became sick.

terdyrhae

--	--	--	--	--	--	--	--	--

#### Word Bank

galaxy

circular

orbit

evolved

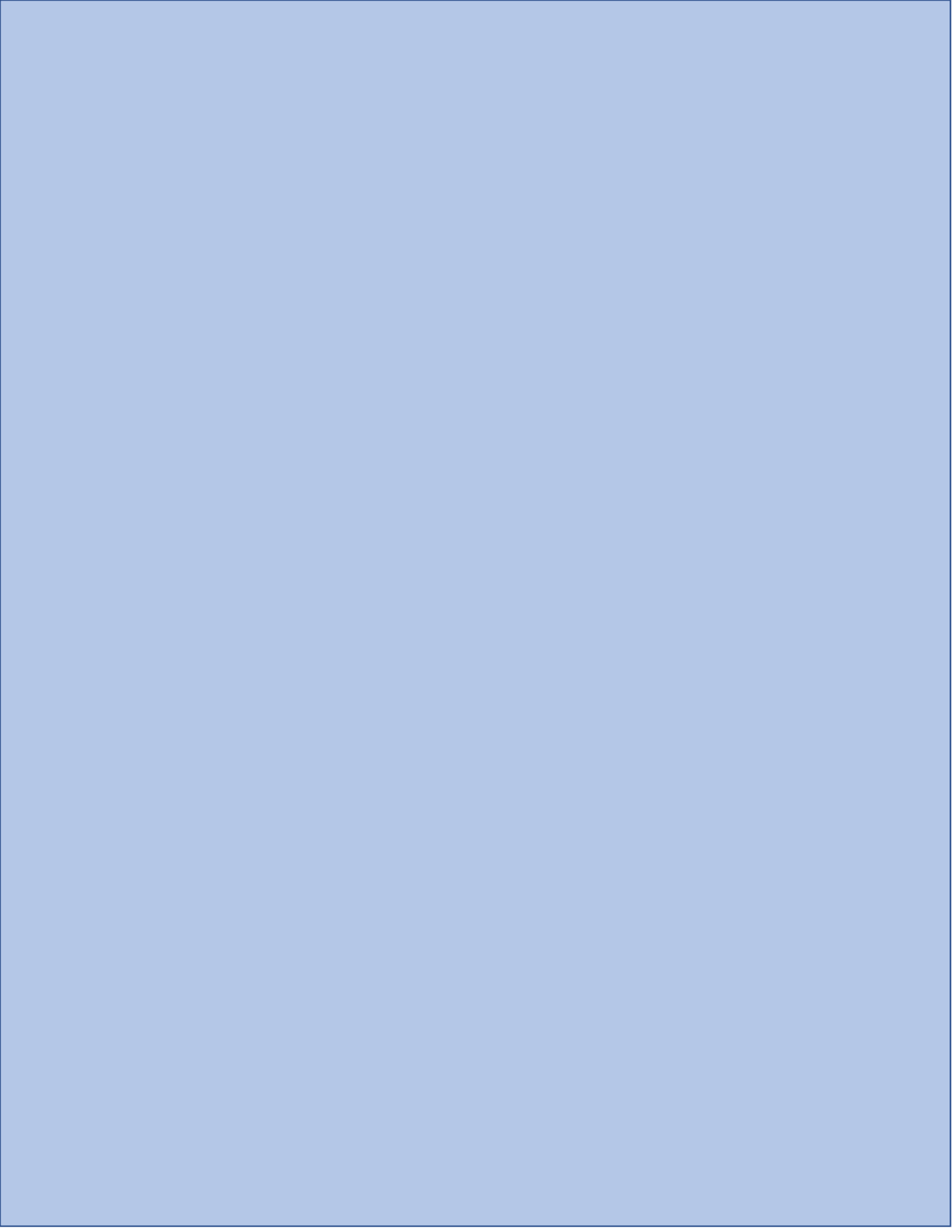
asteroid

breathable

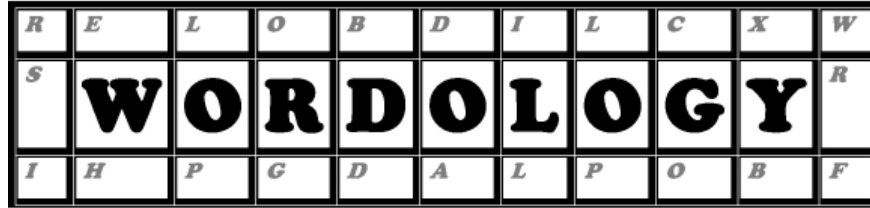
reality

rehydrate



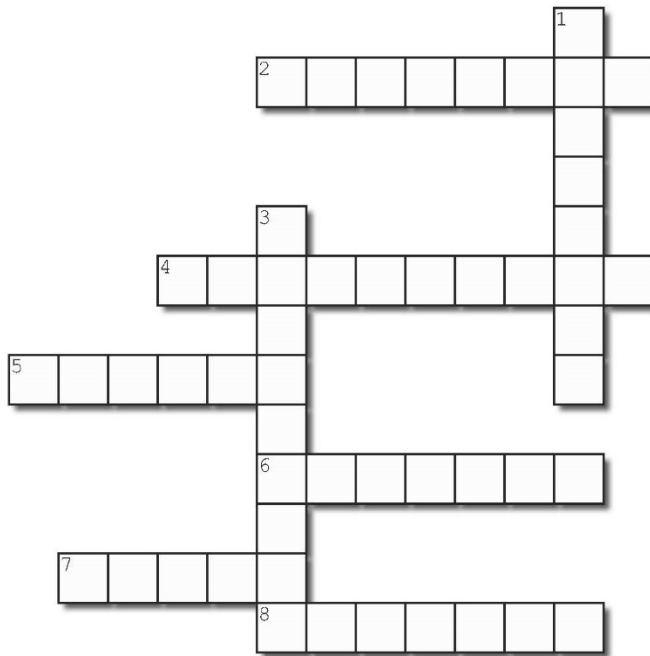






### Wordology Activity #2: Galaxy Crossword

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



<u>Word Bank</u>	
asteroid	galaxy
breathable	orbit
circular	reality
evolved	rehydrate

Created using the Crossword Maker on TheTeachersCorner.net

#### Clues

##### **Across**

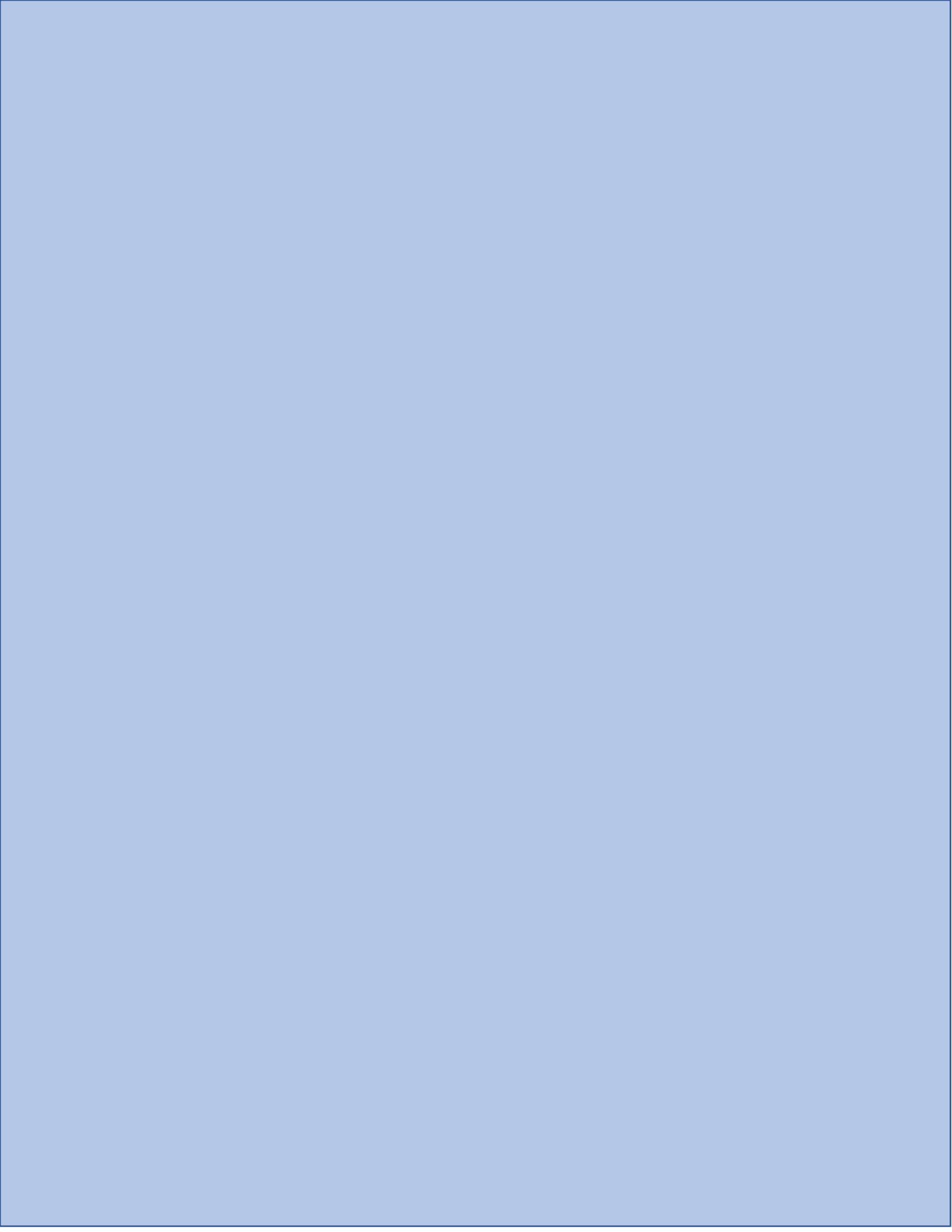
- 2. a space rock
- 4. you can inhale it and live
- 5. a giant group of millions of stars
- 6. what actually exists
- 7. a circular path around something
- 8. developed and changed over time

##### **Down**

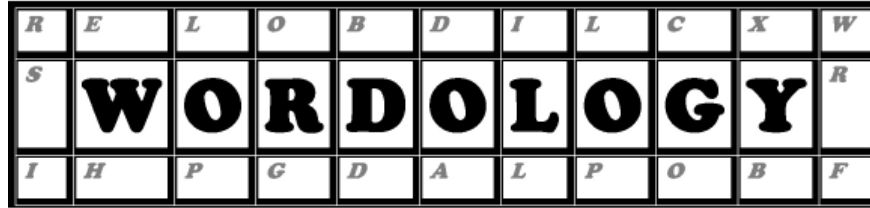
- 1. round
- 3. to add water











### Wordology Activity #3: Find the Planet!

**Instructions:** Read each definition. Choose a word from the Word Bank that matches it. Write the word and the letter that goes with it in the answer space. When you finish, read down the letter boxes to find another word! One answer has already been filled in for you.

**Definitions**

1. A path around something .....
2. In the shape of something round.....
3. The world as it actually is .....
4. Developed over time .....
5. Something you can breathe in.....
6. A rocky mass.....
7. Add water .....

**Words and matching letters**

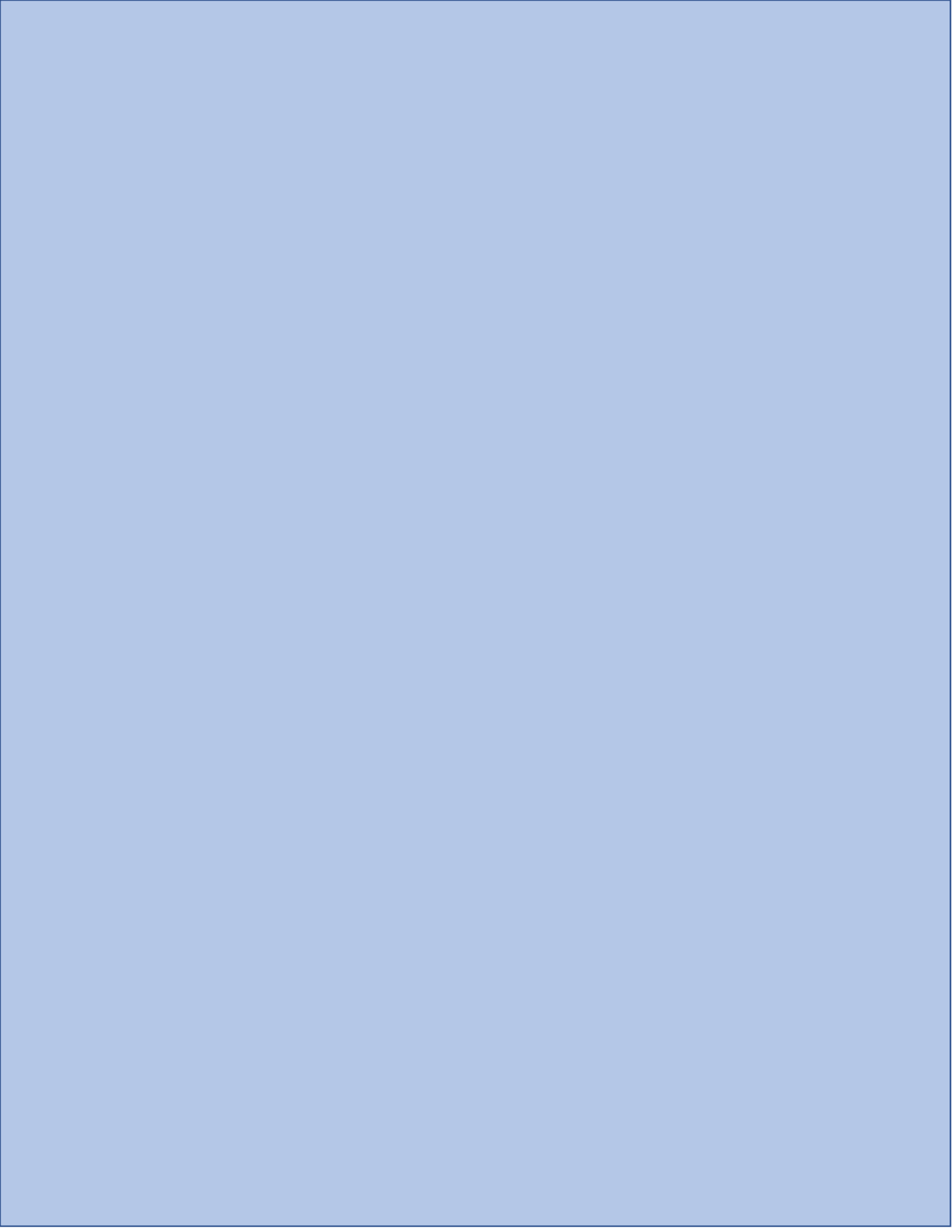
breathable	T

Read down the letters in the boxes on the right side. Which planet name do they spell out? Write it here!

\_\_\_\_\_

<b>Word Bank</b>			
solar - X	orbit - J	galaxy - V	circular - U
asteroid - E	rehydrate - R	breathable - T	evolved - I
		reality - P	



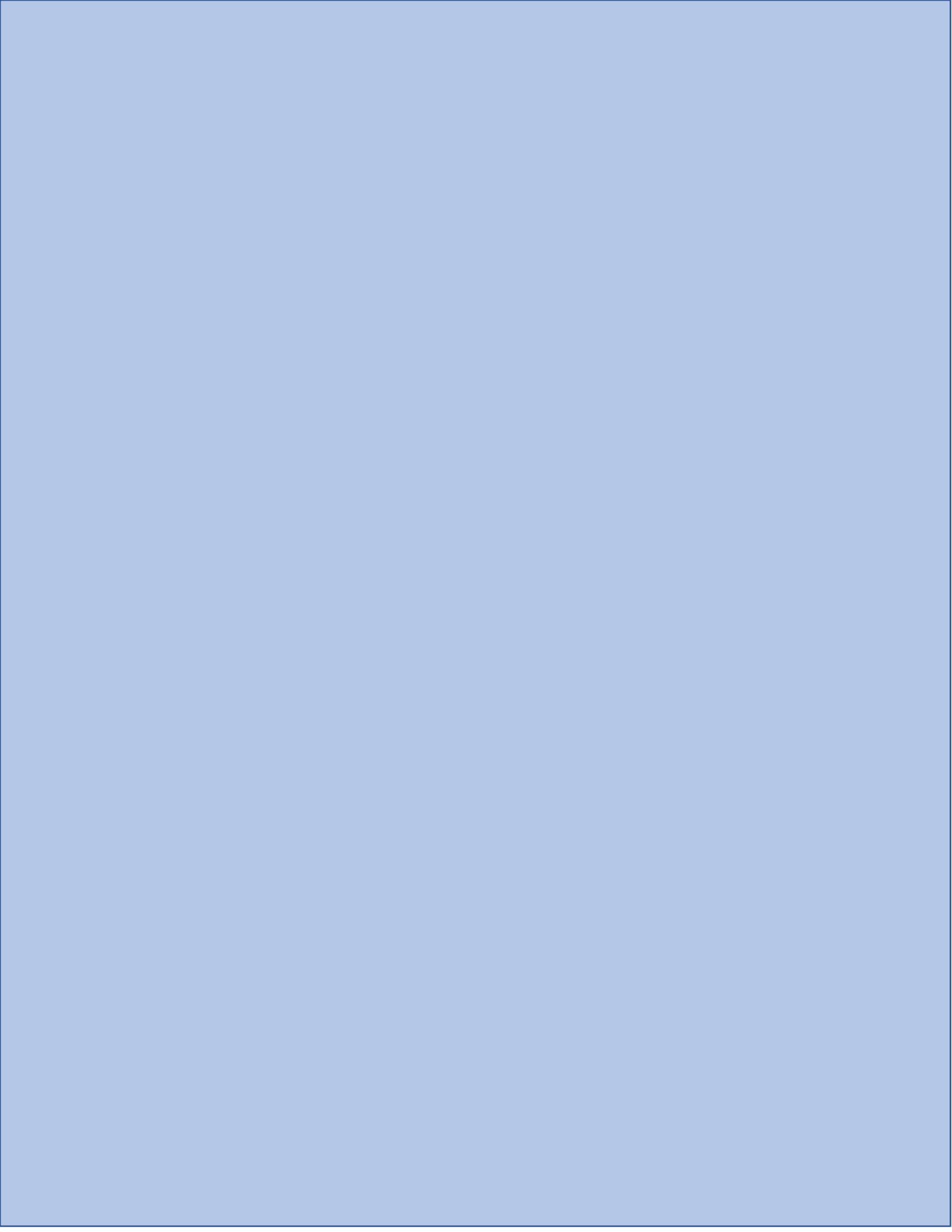








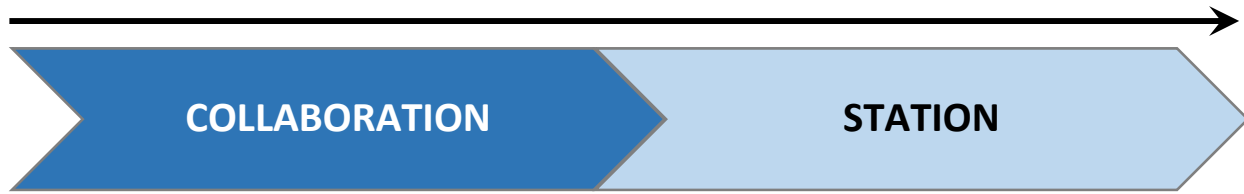






Name \_\_\_\_\_ Date \_\_\_\_\_

Galaxy Days 3 and 4

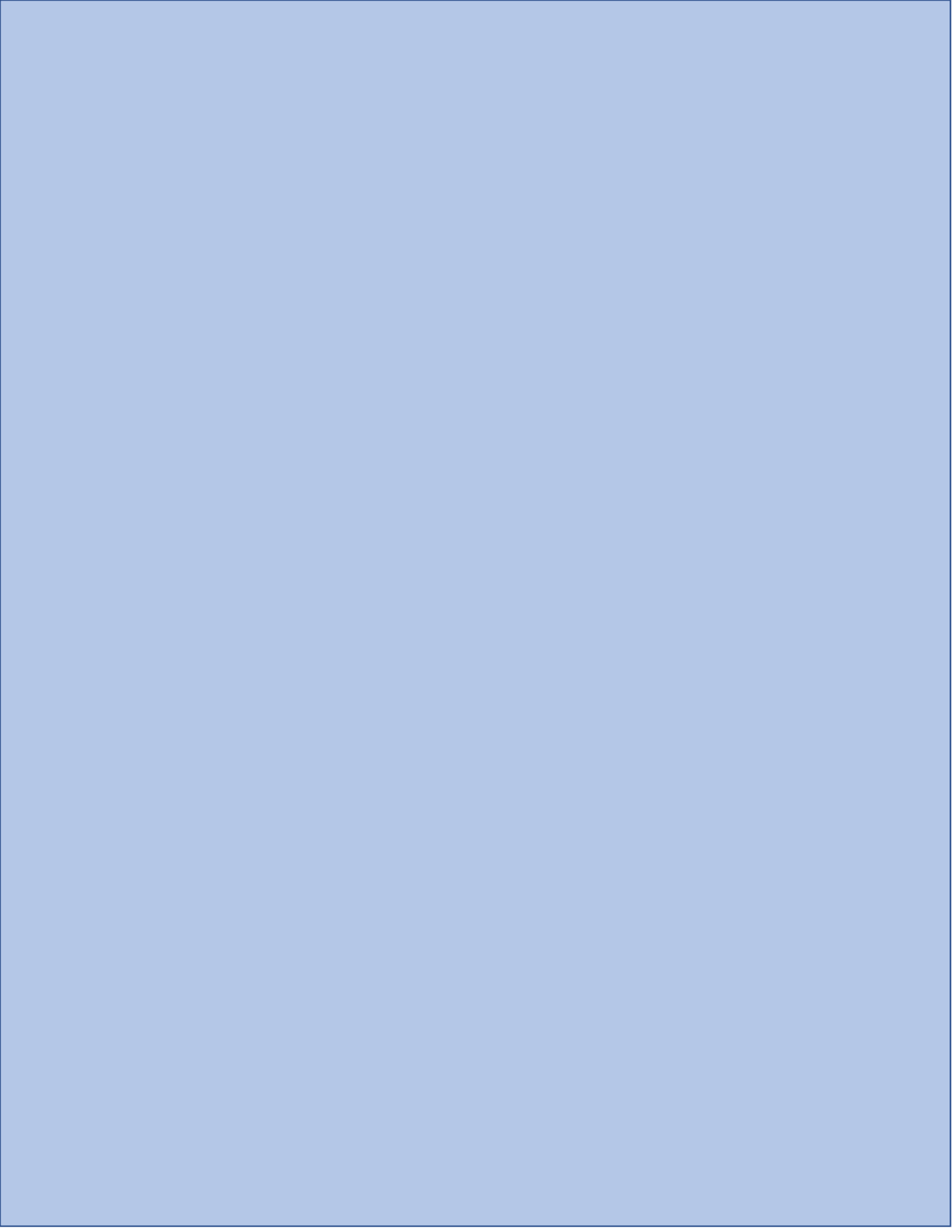


### Survival on Earth: Fact Hunt

**Instructions:** First, read silently pages 6-7: “How Do Living Things Survive on Earth?” Then, partner read these pages. (Take turns reading the different paragraphs.) Work with your partner to look for answers to the “Survival on Earth: Fact Hunt” below. Then **write your answers in complete sentences** in the spaces provided.

Question	Answer
1. How does the Earth’s atmosphere stay in place?	
2. What protects Earth’s atmosphere from being destroyed by solar winds?	
3. Why doesn’t Earth completely freeze?	
4. What are the different forms of water on Earth?	
5. Why are plants needed to make a planet habitable for humans?	
6. Why can’t plants grow on Venus?	
7. Why doesn’t the Earth just float away from the Sun?	







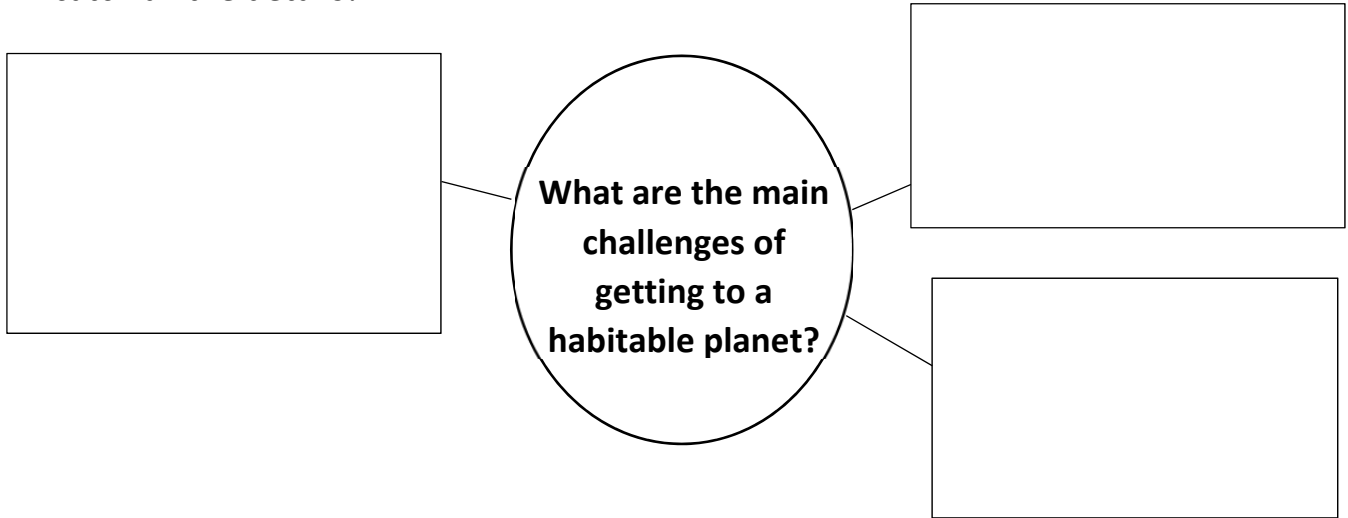


# Media Madness

**Instructions:** Watch the video at the link below on your device (tablet or laptop, depending on your teacher’s instructions).

“How Long Would It Take to Get to the Nearest Habitable Planets?” by The Infographics Show: <https://www.youtube.com/watch?v=YVBjrJX2Y78>

As you watch, take notes in the organizer. Watch the video two or three times to catch all the details!



What is Trappist-1? \_\_\_\_\_

\_\_\_\_\_

Why do scientists think Trappist-1 might be a good place for humans to live?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





