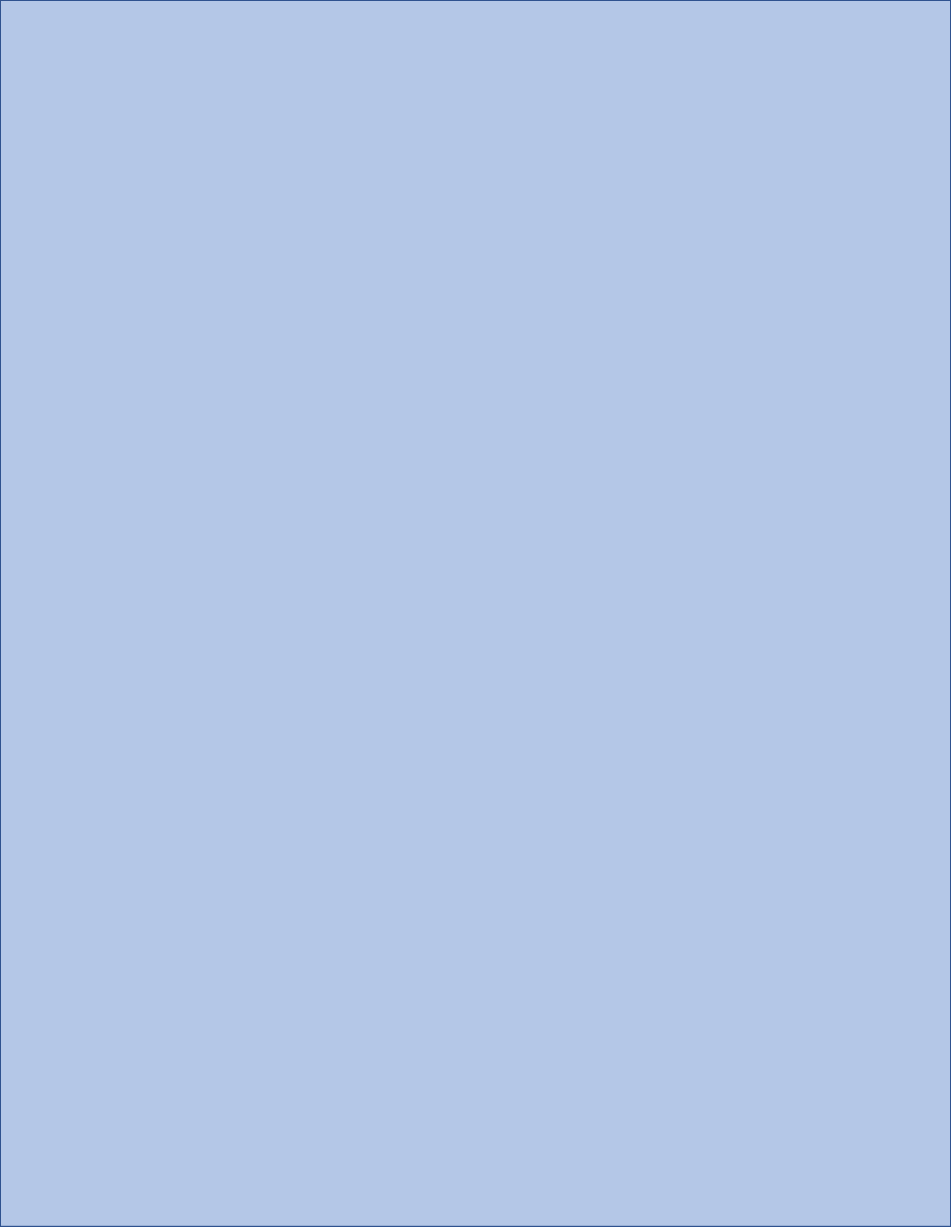


# **Galaxy**

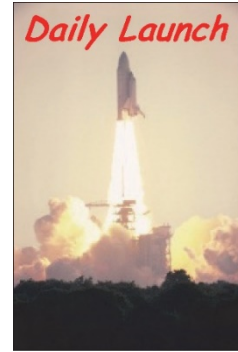
**Days 25-26**



# Daily Launch Day 25

## Do Now: Different Ways to Get to Space

Each of the images below\* shows a reusable spacecraft developed by a different commercial company. Examine the photos carefully, than answer the questions at the bottom of the page.



Amazon Blue Origin Spacecraft



SpaceX Dragon shuttle module



Virgin Galactic Unity (VMS Eve + SpaceShip 2)



Boeing Starliner spaceship

What are some ways these spacecraft are similar to one another? \_\_\_\_\_

What are some differences between them? \_\_\_\_\_

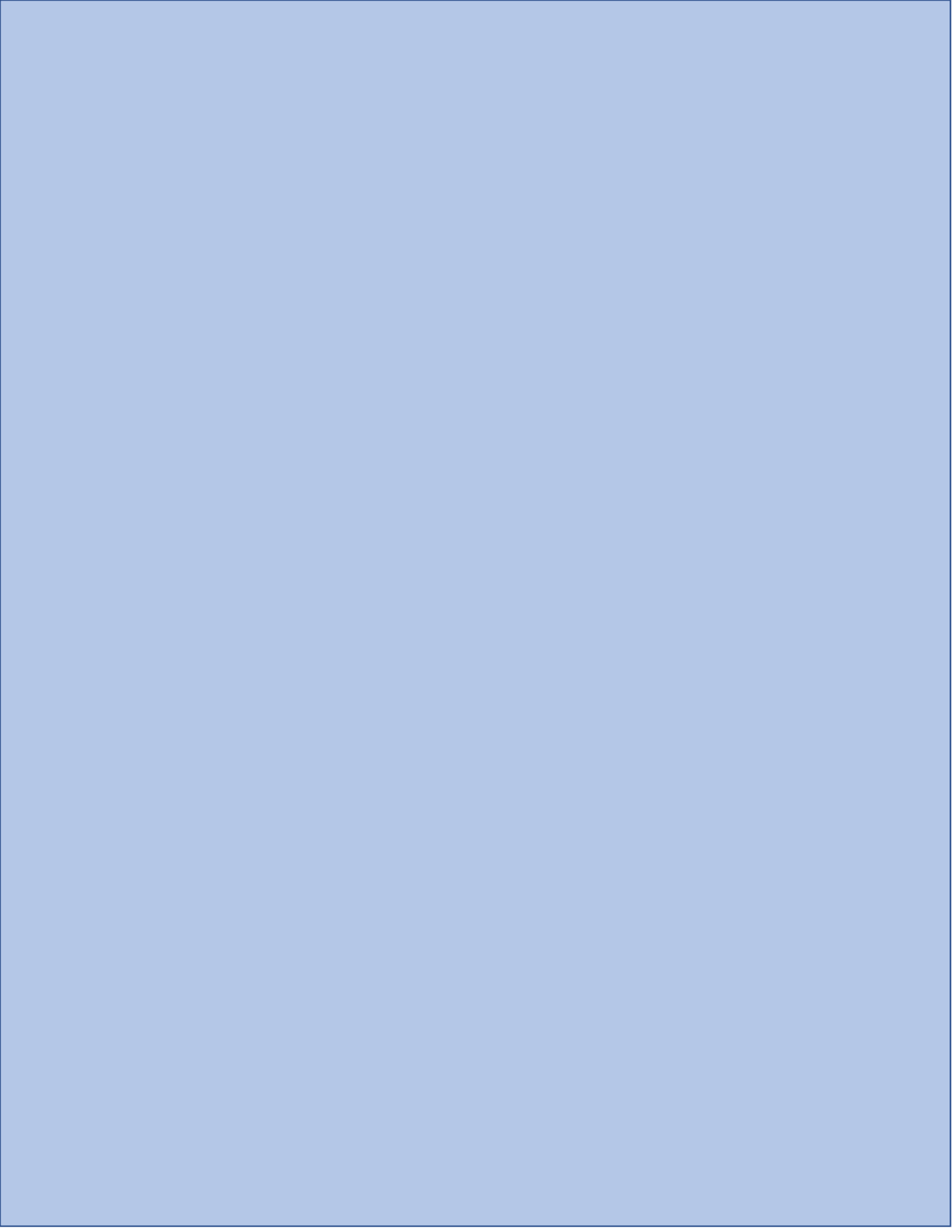
Which one would you most like to travel in? \_\_\_\_\_

Why? \_\_\_\_\_

\_\_\_\_\_

Photos (clockwise from top left): <https://commons.wikimedia.org/w/index.php?curid=61440254> by the Penultimate One; [https://commons.wikimedia.org/wiki/File:SpaceX\\_Crew\\_Dragon\\_\(More\\_cropped\).jpg](https://commons.wikimedia.org/wiki/File:SpaceX_Crew_Dragon_(More_cropped).jpg); [https://sk.wikipedia.org/wiki/S%C3%BAbor:Boeing\\_Orbital\\_Flight\\_Test\\_Prelaunch\\_\(NHQ201912190017\).jpg](https://sk.wikipedia.org/wiki/S%C3%BAbor:Boeing_Orbital_Flight_Test_Prelaunch_(NHQ201912190017).jpg); [https://commons.wikimedia.org/wiki/File:SS2\\_and\\_VMS\\_Eve.jpg](https://commons.wikimedia.org/wiki/File:SS2_and_VMS_Eve.jpg)







## Daily Launch Day 26

### Do Now: Independent Project Check

Please fill this out and refer to it as you plan how you will use your independent project time in these last few days of the *Galaxy* unit.

What my project is:

---

What have you changed about your project since you began planning it?

---



---



















What do you still need to do to complete your project?

---



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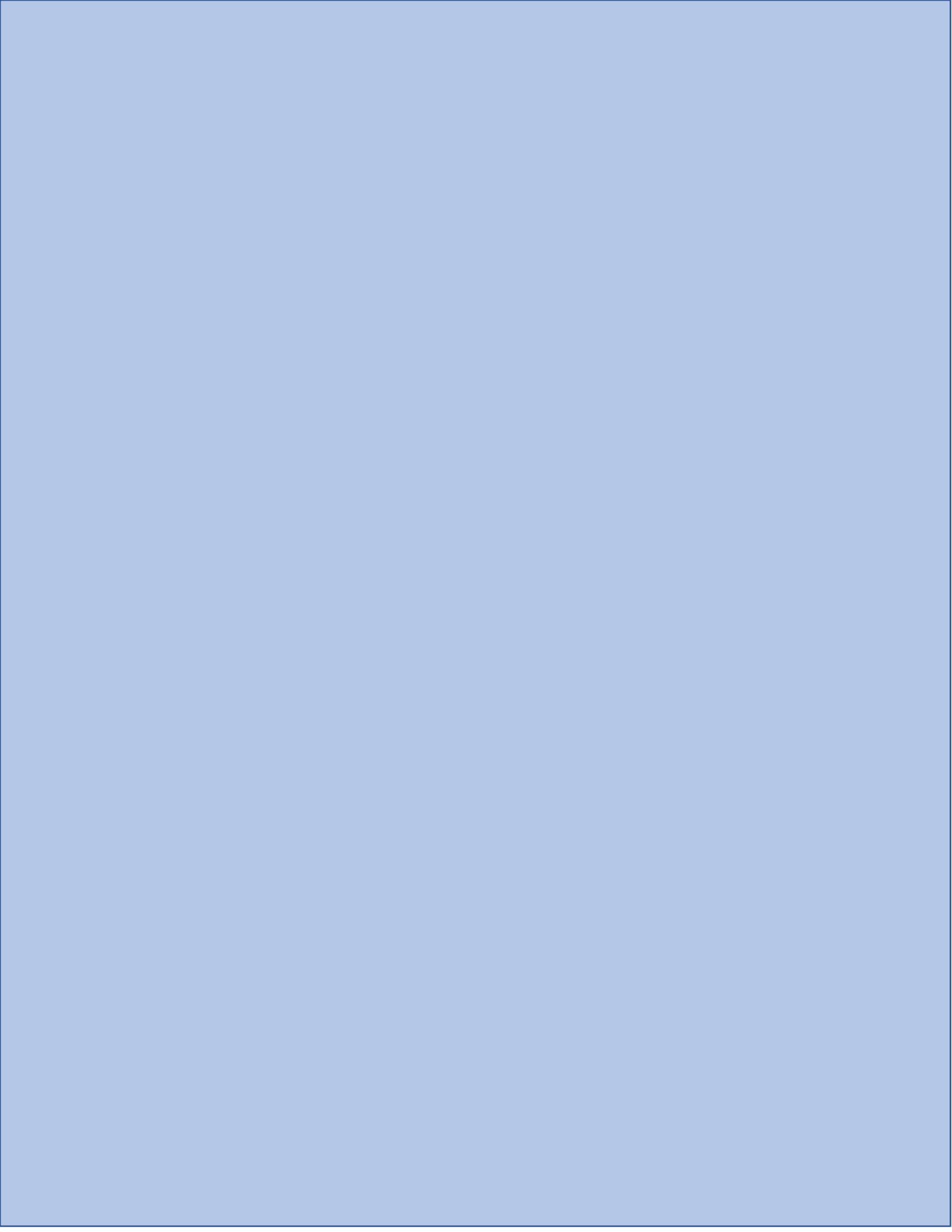
Rate the following by coloring in or circling the face that represents how you feel about each statement.

	Great!	Just okay	Not so good
I have enough time in class to work on my project.			
I like my Galaxy project so far.			
This Galaxy project is fun.			
I think I can finish my project on time.			
My Galaxy project is interesting.			
I feel good about presenting my project to the class.			





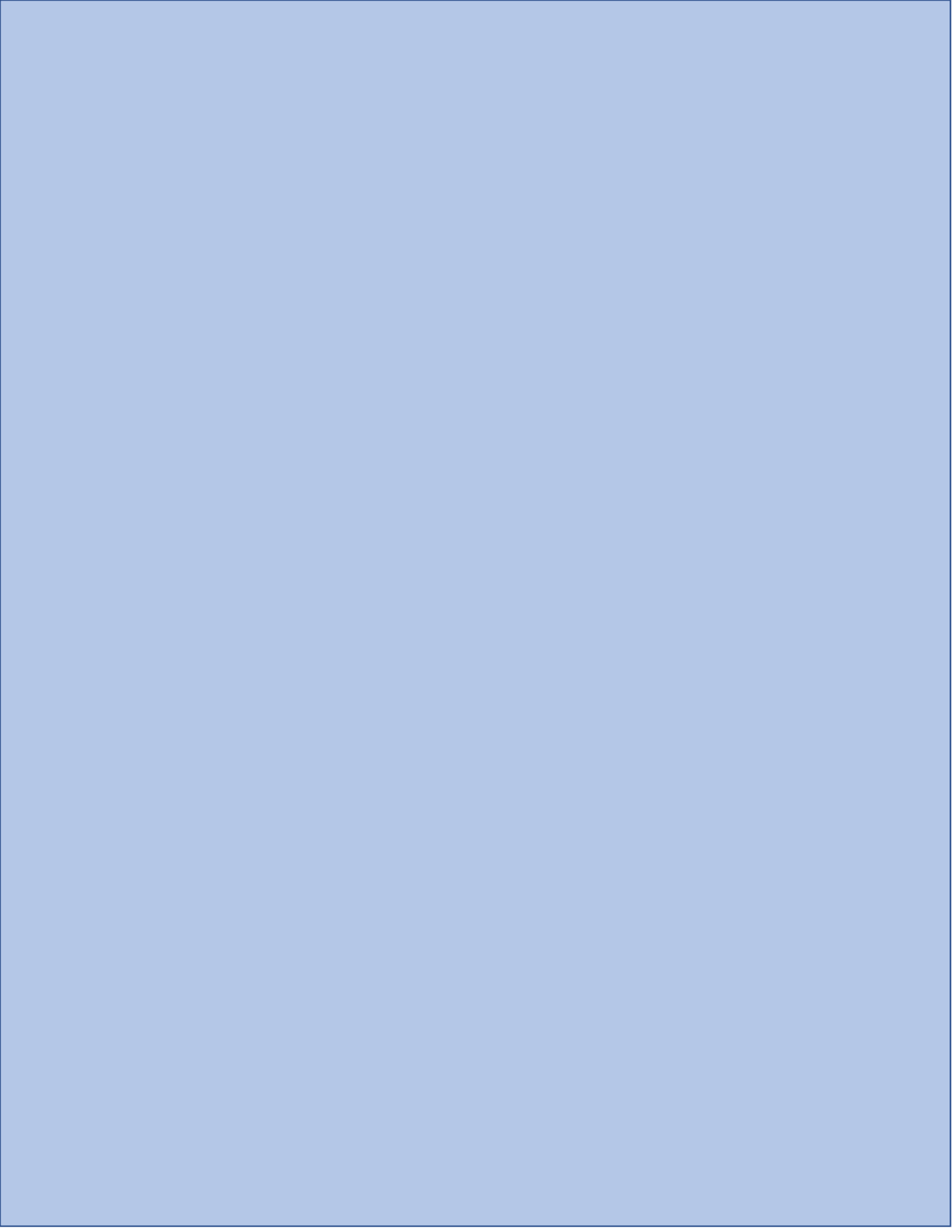








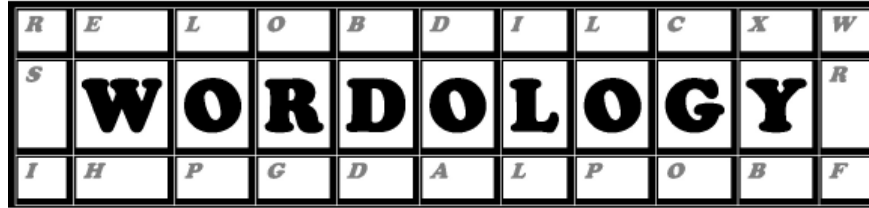






Name \_\_\_\_\_ Date \_\_\_\_\_

Galaxy Days 25 and 26



### Wordology Activity #2: Synonym Hunt

**Instructions:** A **synonym** is a word that means the same or almost the same as another word. **Rewrite** each sentence without changing its meaning. Choose a synonym from the Word Bank to replace the underlined word or phrase in each sentence.

1. I am glad that the Internet service at my house is very dependable.
2. Mom went over my history notes with me as a special help so I could do well on the exam.
3. That swimmer has a powerful kick to push him forward through the water.
4. The staff rushed to remove the residents when the fire alarm sounded.
5. My video was going on when Mom made me pause it to take out the trash.
6. I like to give to this organization because my contributions will help people.
7. The sky darkened suddenly, the wind began to howl, and the rain fell in sheets.
8. My phone fell over the side of the boat and I couldn't retrieve it.

#### Word Bank

evacuate  
recover

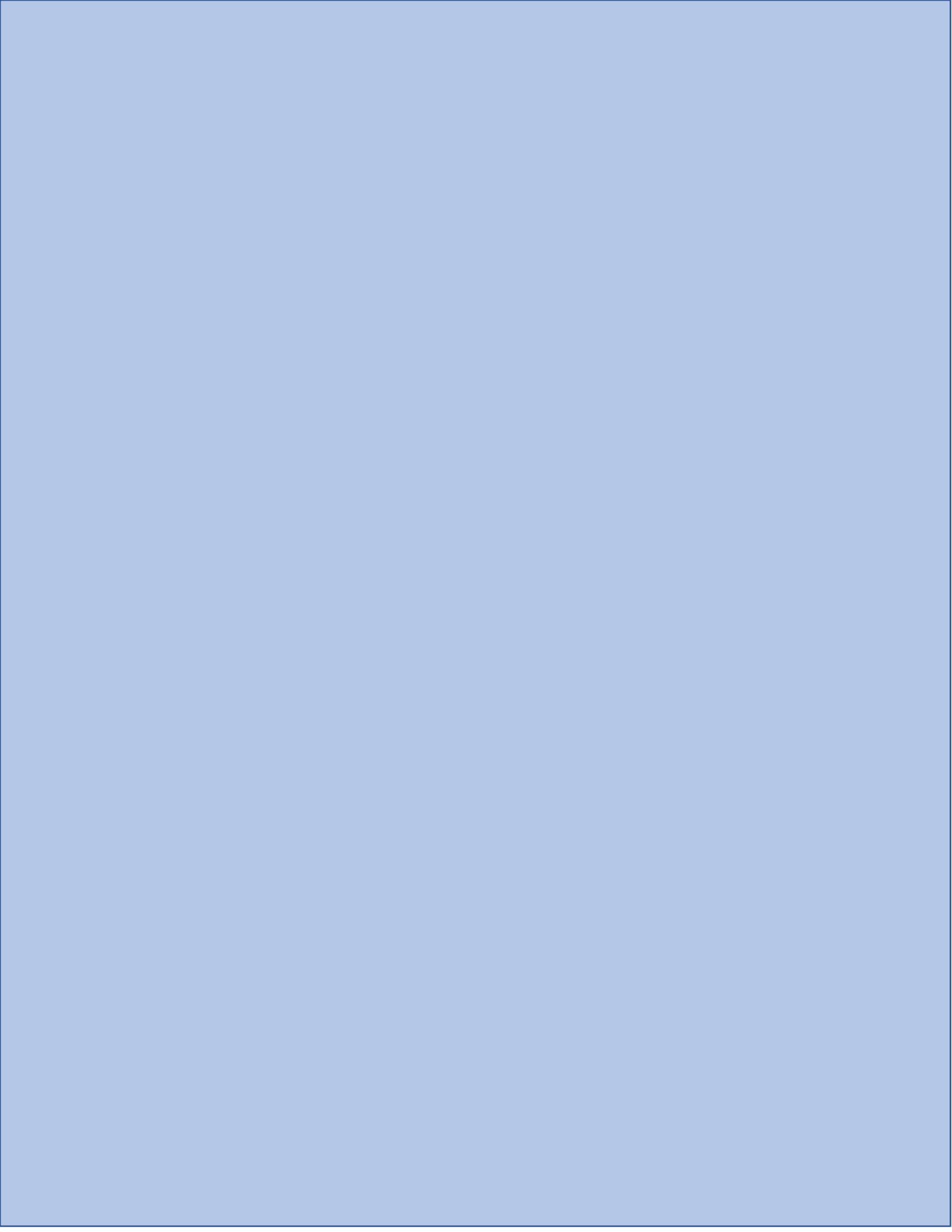
donations  
propel

booster  
dramatically

underway  
reliable









R	E	L	O	B	D	I	L	C	X	W
S	<b>W</b>	<b>O</b>	<b>R</b>	<b>D</b>	<b>O</b>	<b>L</b>	<b>O</b>	<b>G</b>	<b>Y</b>	R
I	H	P	G	D	A	L	P	O	B	F

### Wordology Activity #3: Cryptogram Puzzle

**Instructions:** This puzzle is called a **Cryptogram**. At the bottom, there is a message in code. Every number stands for a letter. A few of the letters have been filled in. To solve the puzzle, you need to figure out which letters go with the other numbers. Once you figure out a letter, you can add it to the Key, and everywhere in the message that you see that number (for example, 17 always stands for "R," so everywhere that 17 appears, "R" is filled in). Look for short, familiar words to get you started, and use logic to figure it out. This cryptogram puzzle includes several vocabulary words from this section!

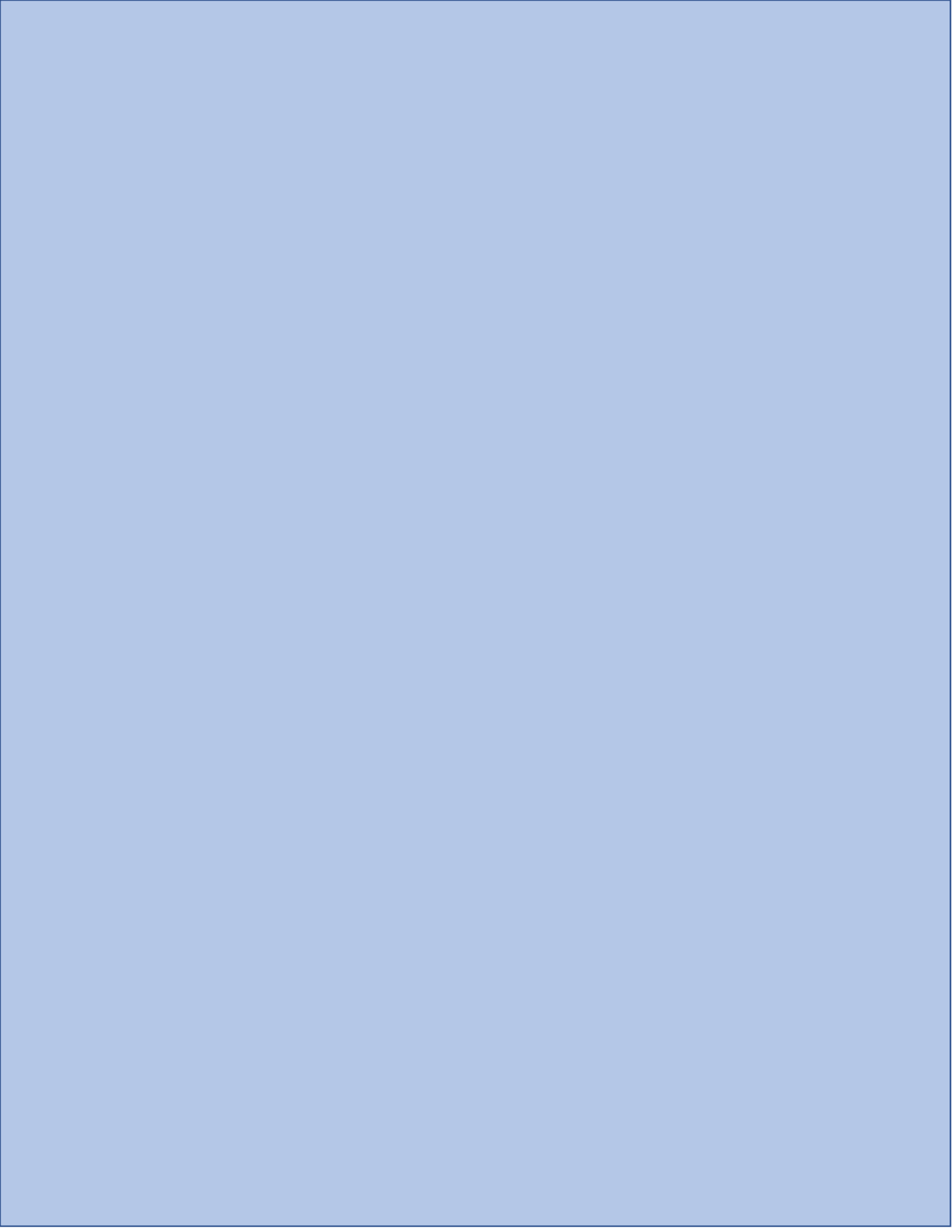
**Key:**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
13							11										17	7							

**Message:**

\_\_\_ S \_\_\_ \_\_\_ S \_\_\_ R A \_\_\_  
 22 5 7 22 2 14 15    2 7 16 14 8 5 17 18 13 23    12 14  
 R \_\_\_ A \_\_\_, R SA \_\_\_ R \_\_\_ S  
 17 5 10 2 13 4 10 5    17 5 16 7 13 4 10 5    17 12 20 21 5 22 7  
 \_\_\_ HA \_\_\_ RA A A \_\_\_  
 22 11 13 22    18 2 10 10    8 17 13 6 13 22 2 20 13 10 10 23  
 \_\_\_ HA \_\_\_ H \_\_\_ F \_\_\_ R \_\_\_ F S A \_\_\_  
 20 11 13 14 15 5    22 11 5    19 16 22 16 17 5    12 19 7 24 13 20 5  
 \_\_\_ RA \_\_\_  
 5 9 24 10 12 17 13 22 2 12 14



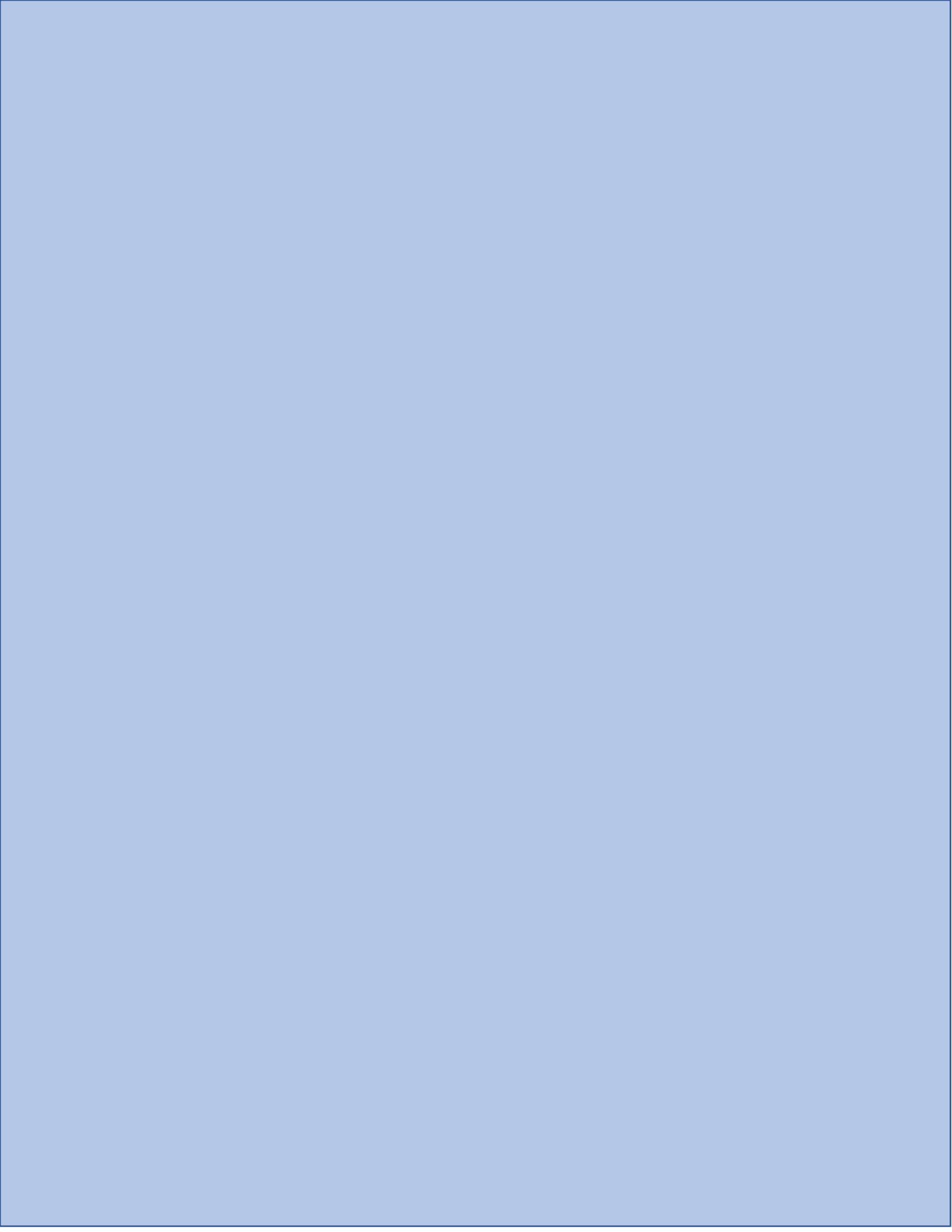




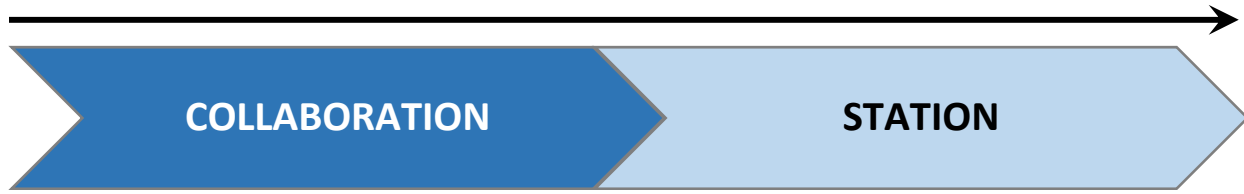












### Collaboration Station: Reflection Questions

**Instructions.** Turn to **page 19** of *Space, Incorporated*. In groups of two or three, **partner read** this page. Discuss together how to fill out the graphic organizer below. Then, write your answers on your own.

**Older rocket features:**

compared to

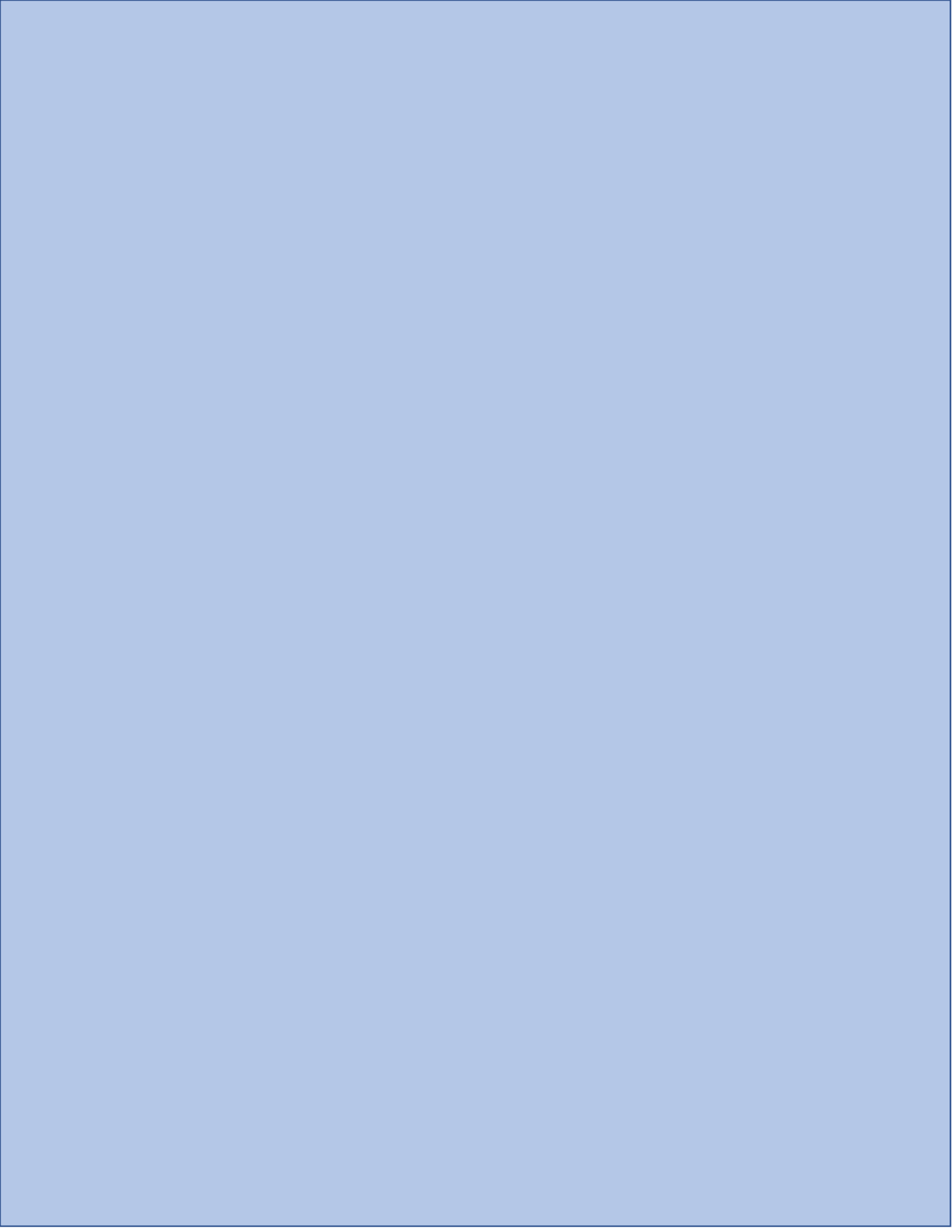
**Newer rockets (example: the SpaceX Falcon 9)—how its features make it reusable:**

First stage

Extra fuel

Fins









# Media Madness

## Media Madness: Independent Project Time

**Instructions:** Use your Media Madness time today to work on your independent project. If you have finished creating your project, practice presenting it today. Make sure you have printed any texts or labels that you need!

At the end of your time, write down what you accomplished.

*What I accomplished today:*

---

---

*Notes on my project:*

**\*\*\*Note:** If you finish your work and have time, you may want to explore NASA's Spaceplace website at <https://spaceplace.nasa.gov> . An interesting place to start is this article, "Where do old satellites go when they die?":

<https://spaceplace.nasa.gov/spacecraft-graveyard/en/>





