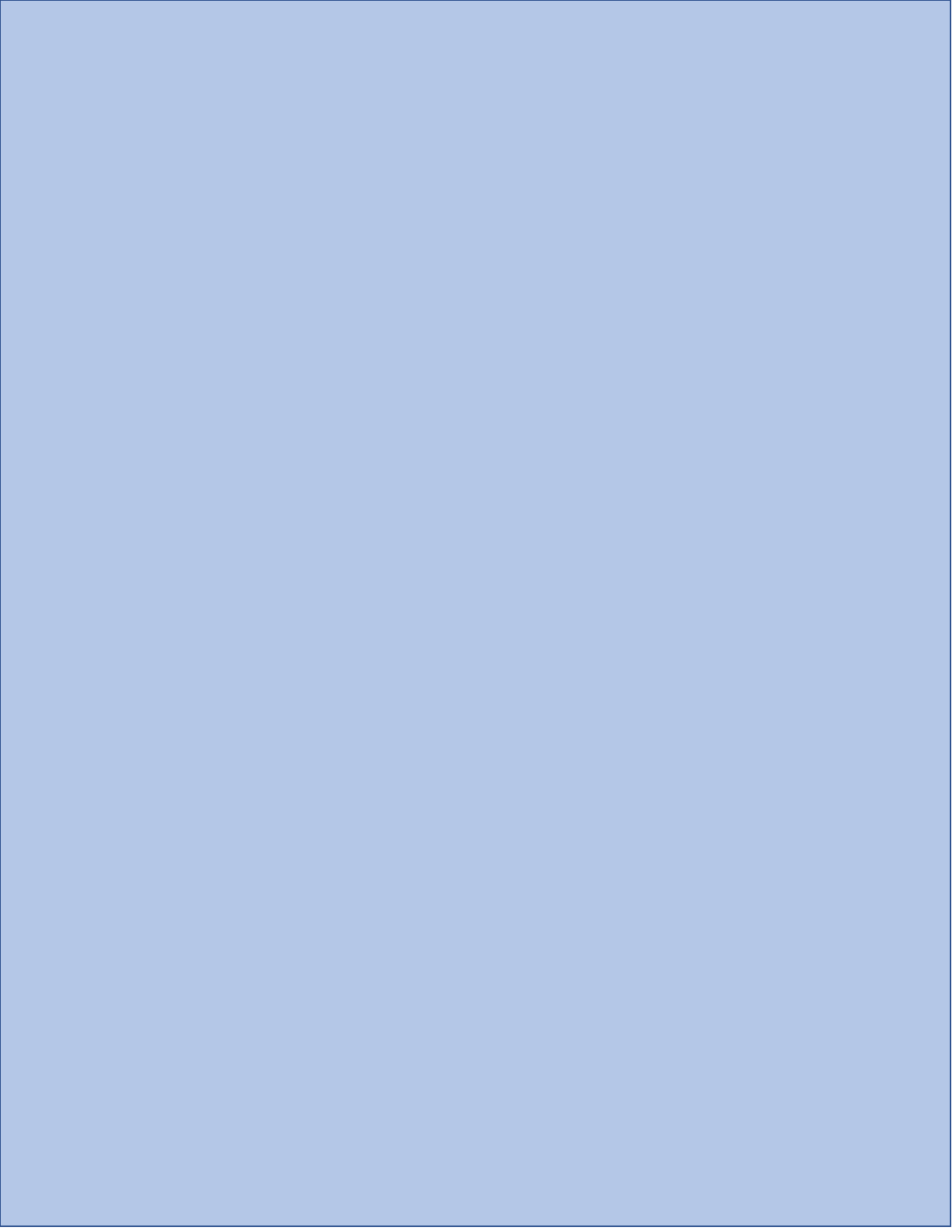


# Galaxy

Days 7-8



# Daily Launch Day 7

## Do Now: Interpret the Photo

*Instructions:* Look at the photo below and make up a backstory (a story about what's happening in it). Be creative; there are no wrong answers!



(Source: Air & Space Smithsonian: <https://www.airspacemag.com/ask-astronaut/ask-astronaut-what-free-fall-180958580/>)

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# Daily Launch Day 8

## Do Now: Agree, Disagree, Not Sure?

*Instructions:* Read the statements below. Decide whether you agree with the statement, disagree, or are not sure. Beside each statement, check one of the boxes to show what you think about it.



|  | Agree | Disagree | Not Sure |
|--|-------|----------|----------|
| 1. People should not make profits from space travel.   |       |          |          |
| 2. We should just leave aliens alone instead of trying to contact them.                            |       |          |          |
| 3. Humans can only be happy on Earth.  |       |          |          |
| 4. It is wrong to send animals to space as experiments.  |       |          |          |
| 5. Going to space just for entertainment is a waste of money.                                      |       |          |          |
| 6. Elon Musk is a good person.   |       |          |          |
| 7. It is more important to spend money on making Earth better than to spend money on space travel. |       |          |          |

Choose one of the statements above and explain why you agree or disagree:

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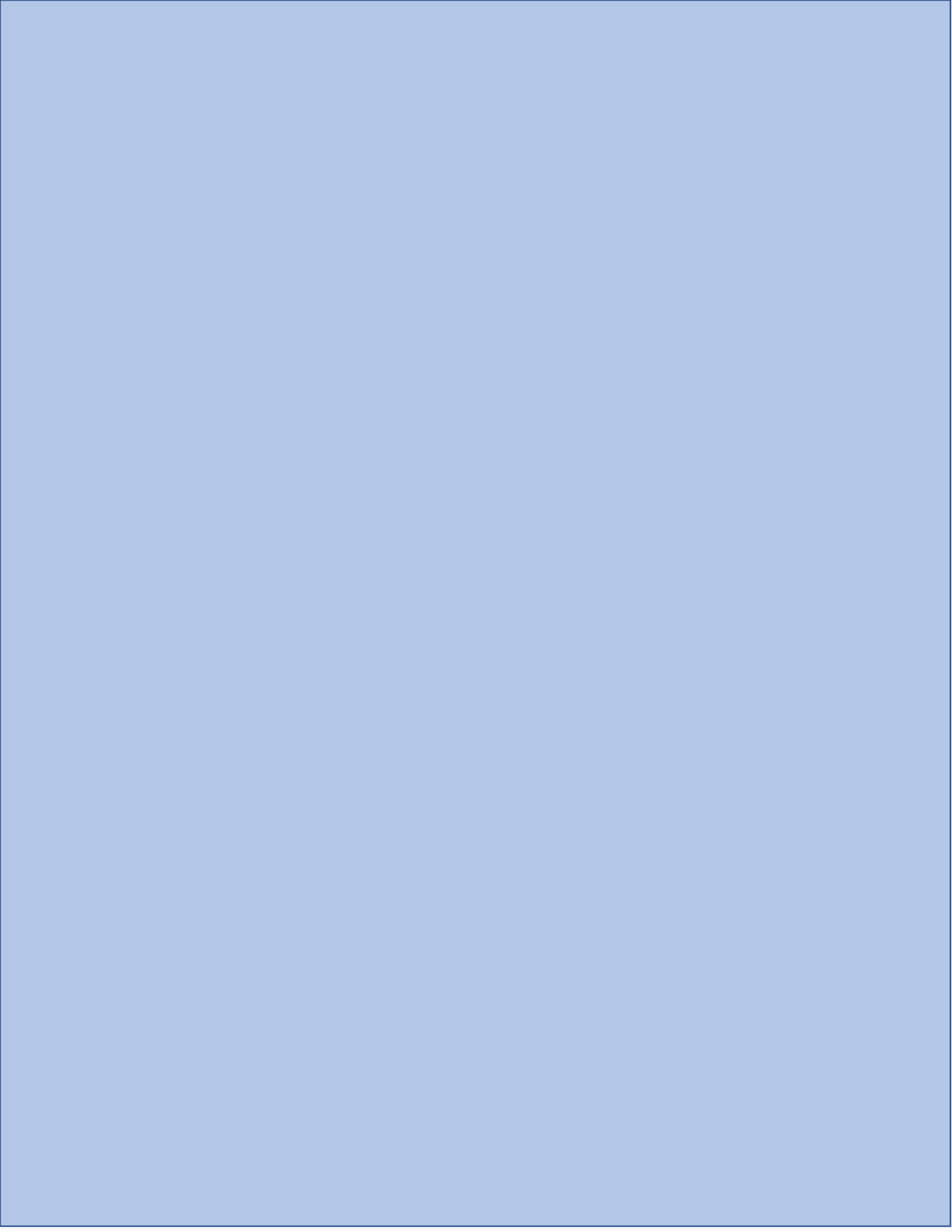
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## First Private Passenger Headed toward Moon is Eager for Company

By the Associated Press, adapted by Newsela staff 09/24/2018

LOS ANGELES, California — As he prepares for a trip around the moon, Yusaku Maezawa (you-SAH-koo may-ZAH-wah) would like some company on his space journey.

Maezawa announced that he'll take the rocket trip, which will be the first by a private business to go around the moon. Space journeys are usually done by governments. Maezawa said he wants guests for the weeklong journey.

The Japanese billionaire said he plans to invite six to eight people. He wants artists, architects and other creative people to join him on the SpaceX rocket. Maezawa hopes “to inspire the dreamer in all of us.”

The Big Falcon Rocket (BFR) is scheduled to make the trip in 2023. SpaceX leader Elon Musk announced the trip September 17.

Maezawa is 42 years old. He said he wants his guests “to see the moon up close, and the Earth in full view, and create work to reflect their experience.”

### “A Lot of Money”

Musk said Maezawa, who is one of Japan's richest people, will pay “a lot of money” for the trip. Musk did not give the amount. Maezawa came to SpaceX with the idea for the group flight, Musk said.

“I did not want to have such a fantastic experience by myself,” said Maezawa. He was wearing a white T-shirt printed with a work by the painter Jean-Michel Basquiat (zhah-mee-SHELL bah-skee-AH). He said he often wondered about what artists like Basquiat or Andy Warhol might have come up with if they had traveled into space.

“I wish to create amazing works of art for humankind,” Maezawa said.

Maezawa didn't immediately say who will be on his guest list for the spaceflight. However, in response to a question from a reporter, he said he'd consider inviting Musk.

“Maybe we'll both be on it,” Musk said with a smile.

Musk said the BFR will make several test launches before it takes on passengers. The 387-foot rocket is reusable. It will have its own passenger ship.



SpaceX founder and CEO Elon Musk (left) shakes hands with Japanese billionaire Yusaku Maezawa after announcing him as the first private passenger on a trip around the moon, Sept. 17, 2018, Hawthorne, California. (Photo: AP/Chris Carlson)

## They Won't Land on the Moon

The mission will not involve a moon landing.

The distance from Earth to the moon is about 237,685 miles. Astronauts last visited the moon during NASA's Apollo program. NASA is the U.S. space agency. Twenty-four men flew to the moon from 1968 through 1972, and half of them landed on the surface.

NASA is planning its own moon flyby around 2023. A crew will be on board. The space agency also aims to build a staffed gateway near the moon during the 2020s. The outpost would serve as a stepping-off point for the moon's surface, Mars, and points beyond.

## He Has Paid Big for Artwork

Maezawa started the company Start Today in 1998. He built it into one of Japan's most successful companies. It sells clothing and other items. In 2012, he started a group in Japan to support young artists. He made headlines in 2016 when he paid more than \$57 million for artwork by Basquiat. A year later, he paid more than \$110 million for another piece by the same artist.

Musk outlined a somewhat different SpaceX lunar mission last year. He said then that two people who know each other approached the company. They asked about a weeklong flight to the moon and back. Musk did not name the clients last year or say how much they would pay.

Space tourism began in 2001. That's when California businessman Dennis Tito paid for a journey on a Russian rocket to the International Space Station. The trip was organized by the Virginia-based company Space Adventures. The company has since sent several more customers on spaceflights.

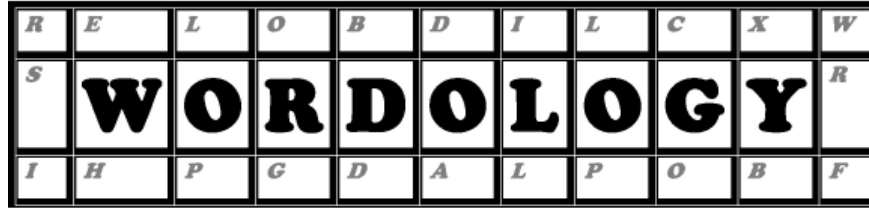
SpaceX already has a long list of firsts. It became the first private company to launch a spacecraft into orbit and safely return it to Earth in 2010. It also was the first business to fly to the space station in 2012 on a supply mission.

Musk's successes have recently been overshadowed. His Tesla electric car company has struggled. He has talked about having a great deal of stress.

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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. A product \_\_\_\_\_ is when a new item is released to the public.

huncal

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|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

2. A person who designs buildings is called a/an \_\_\_\_\_.

cictethra

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3. The space probe traveled \_\_\_\_\_ the edge of the solar system and into outer space.

endoby

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4. National news is often \_\_\_\_\_ by urgent local problems.

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|--|--|--|--|--|--|--|--|--|--|--|

5. Another word for a trip or expedition is \_\_\_\_\_.

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6. Twelve men landed on the moon during the Apollo \_\_\_\_\_ program.

nalru

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7. \_\_\_\_\_ events are shown on the timetable.

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|--|--|--|--|--|--|--|--|--|

8. We buy \_\_\_\_\_ grocery bags to avoid wasting plastic.

baeluesr

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|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

#### Word Bank

architect

launch

beyond

scheduled

lunar

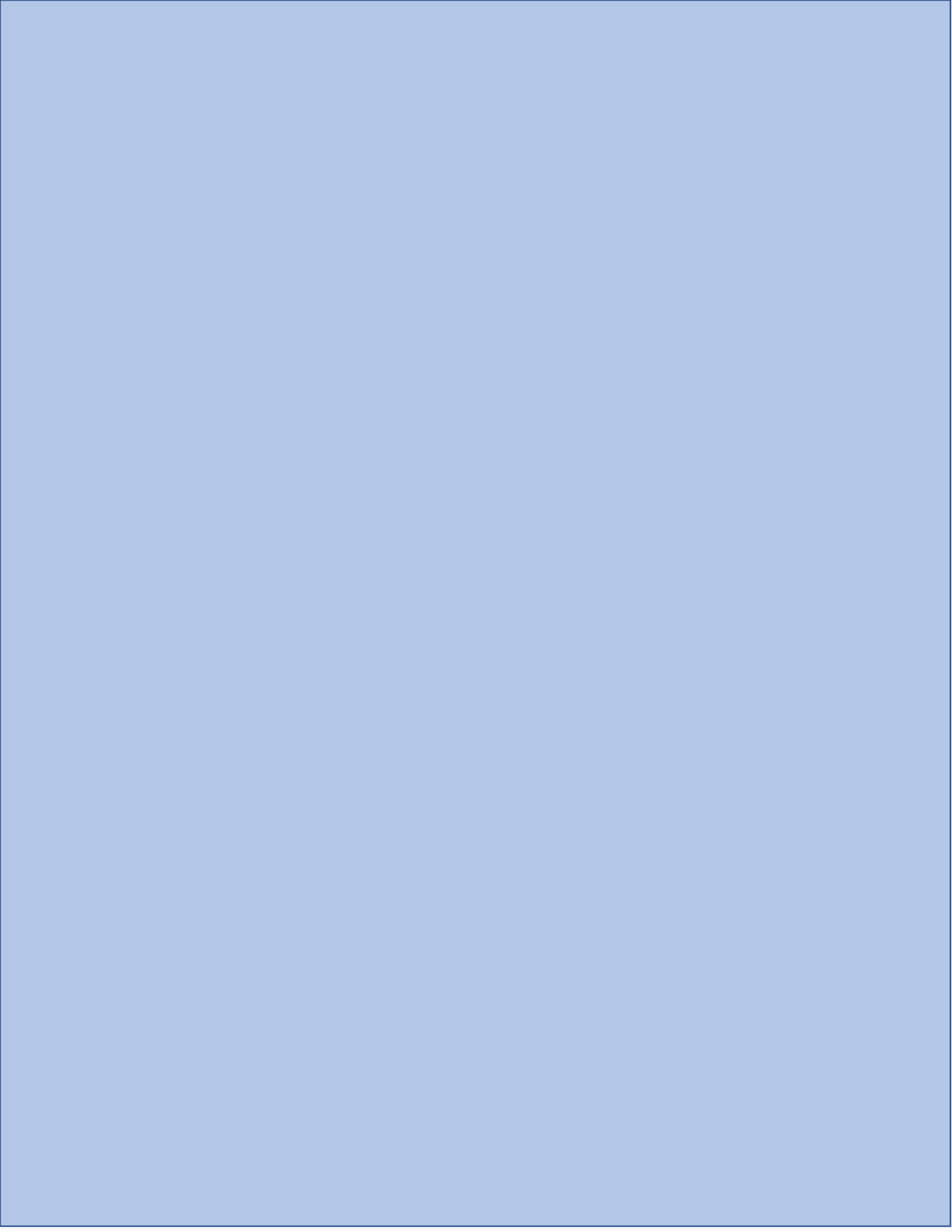
journey

reusable

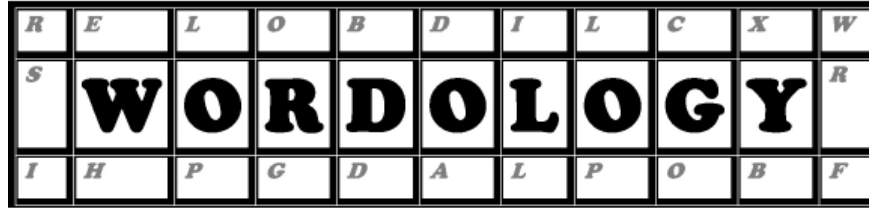
overshadowed











### Wordology Activity #2: Using Vocabulary Words

Read or re-read the first page of "First Private Passenger..." to answer the guide questions in complete sentences. Include the Vocabulary Word in your answer.

| Vocabulary Word(s)                    | Guide Question   | Complete Sentence |
|---------------------------------------|--|-------------------|
| 1. <b>launch;</b><br><b>scheduled</b> | When is the Big Falcon Rocket <b>launch scheduled</b> to take place?                       |                   |
| 2. <b>journey</b>                     | Where will Maezawa's space <b>journey</b> take him and his guests?                         |                   |
| 3. <b>architect</b>                   | Why does Maesawa want to invite artists and <b>architects</b> to join in his space flight? |                   |
| 4. <b>reusable</b>                    | Why does the Big Falcon Rocket (BFR) need to be <b>reusable</b> ?                          |                   |
| 5. <b>outpost</b>                     | What will the NASA moon <b>outpost</b> be used for?  |                   |

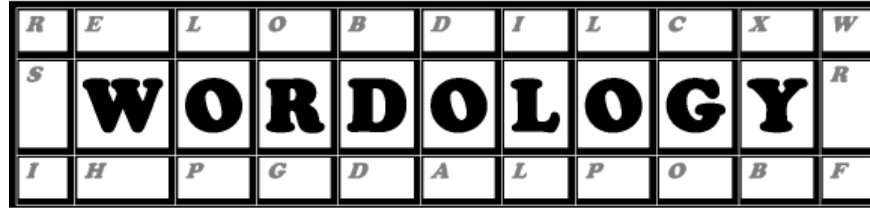






Name \_\_\_\_\_ Date \_\_\_\_\_

Galaxy Days 7 and 8



### Wordology Activity #3: Word Search

**Instructions:** Use the clues below to find the nine Vocabulary Words in the puzzle below. The blue circles identify the beginning letters of the words. (Words can go up, down, horizontally, or diagonally in either direction.)

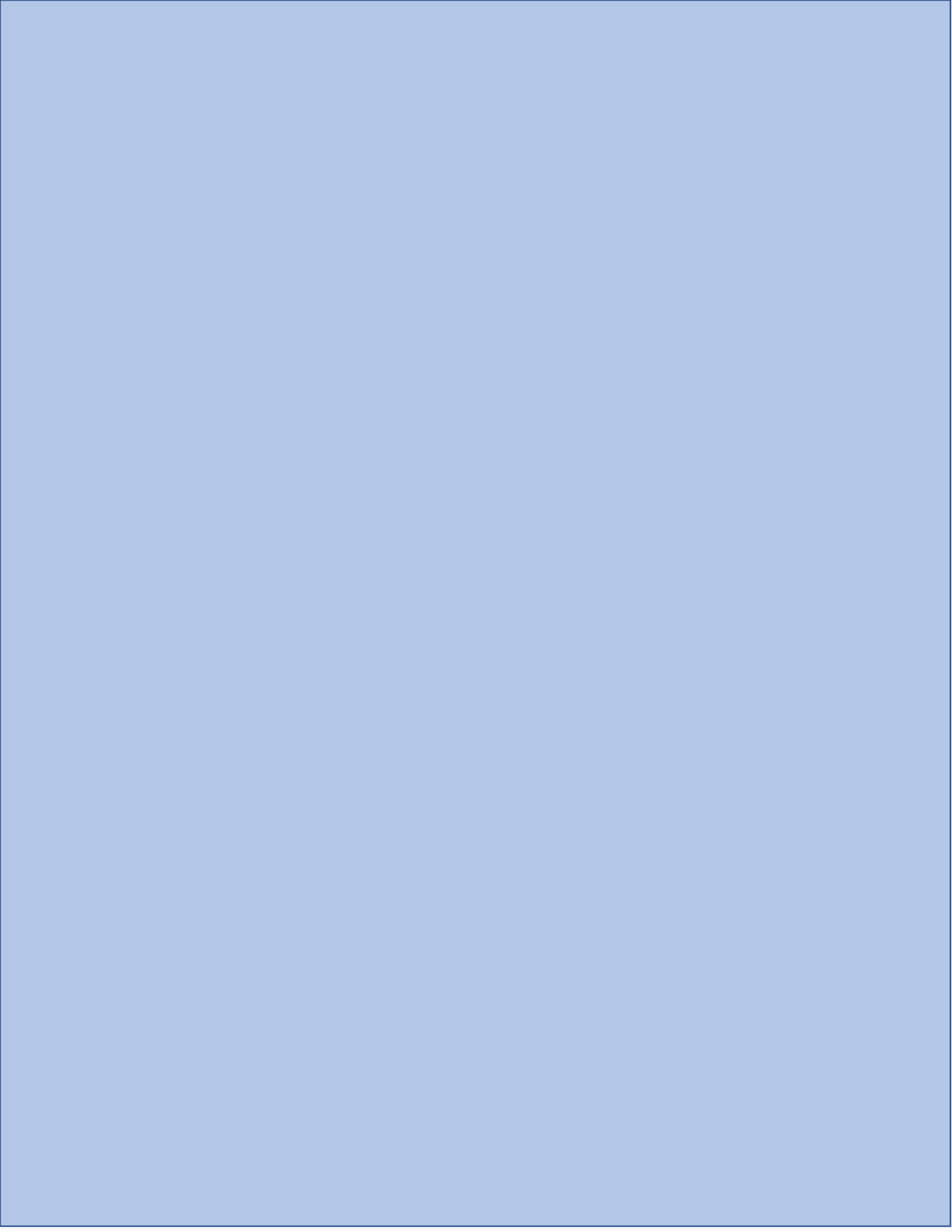
J T G B X M P G Z S W Z D  
M F C N P C I U H U G E E  
Y C X E M U **B** H G W L Q L  
V N O I T E C E P B L Y U  
D K D Y Y I G W A R Y P D  
D E W O D A H S R E V **O** E  
C S N **O** V C U C I P K U H  
D D W X U E S P R D **L** G C  
L F D B **R** T X O D **A** A K **S**  
R A N U **L** G P O I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

#### Clues

|                                |                        |               |
|--------------------------------|------------------------|---------------|
| A person who designs buildings | Lift-off               | Further out   |
| Far-off camp or station        | About the moon         | A trip        |
| Can be used again              | Getting less attention | At a set time |









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

Galaxy Days 7 and 8

|   |          |          |          |          |          |          |          |          |          |   |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| 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 |

### 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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#### Word Bank

architect

launch

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scheduled

lunar

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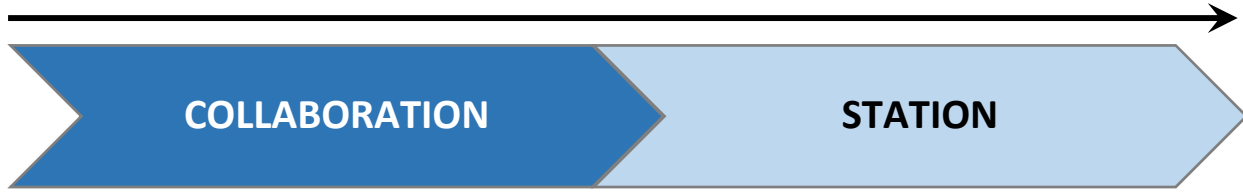
reusable

overshadowed



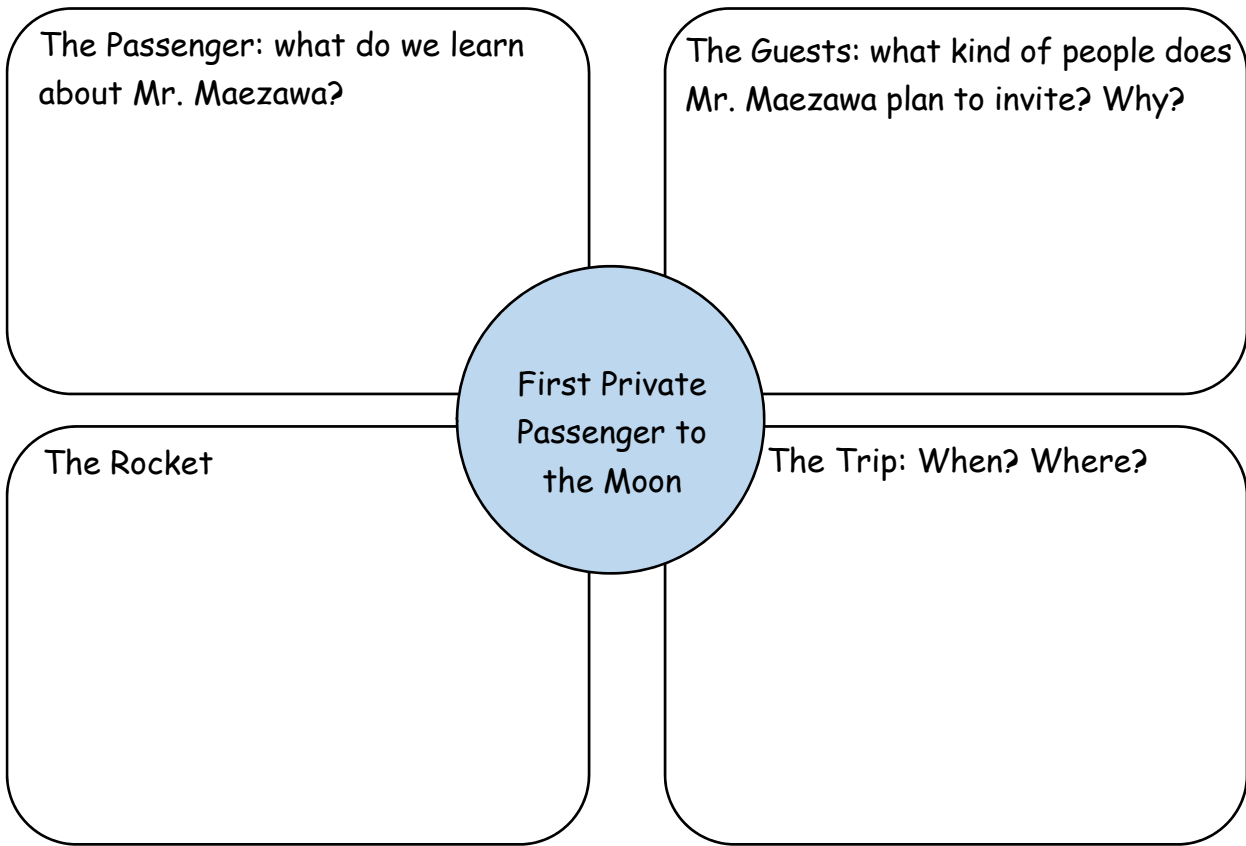






**Collaboration Station: Graphic Organizer**

**Instructions.** With your team, take turns reading the **first** page of the Newsela article “First Private Passenger Headed toward Moon Is Eager for Company.” Then discuss what details you could use to fill out the graphic organizer below. After your discussion, fill out the organizer on your own, and answer the question at the bottom of the page.



Do you agree with Mr. Maezawa’s ideas about people to invite? Why or why not?

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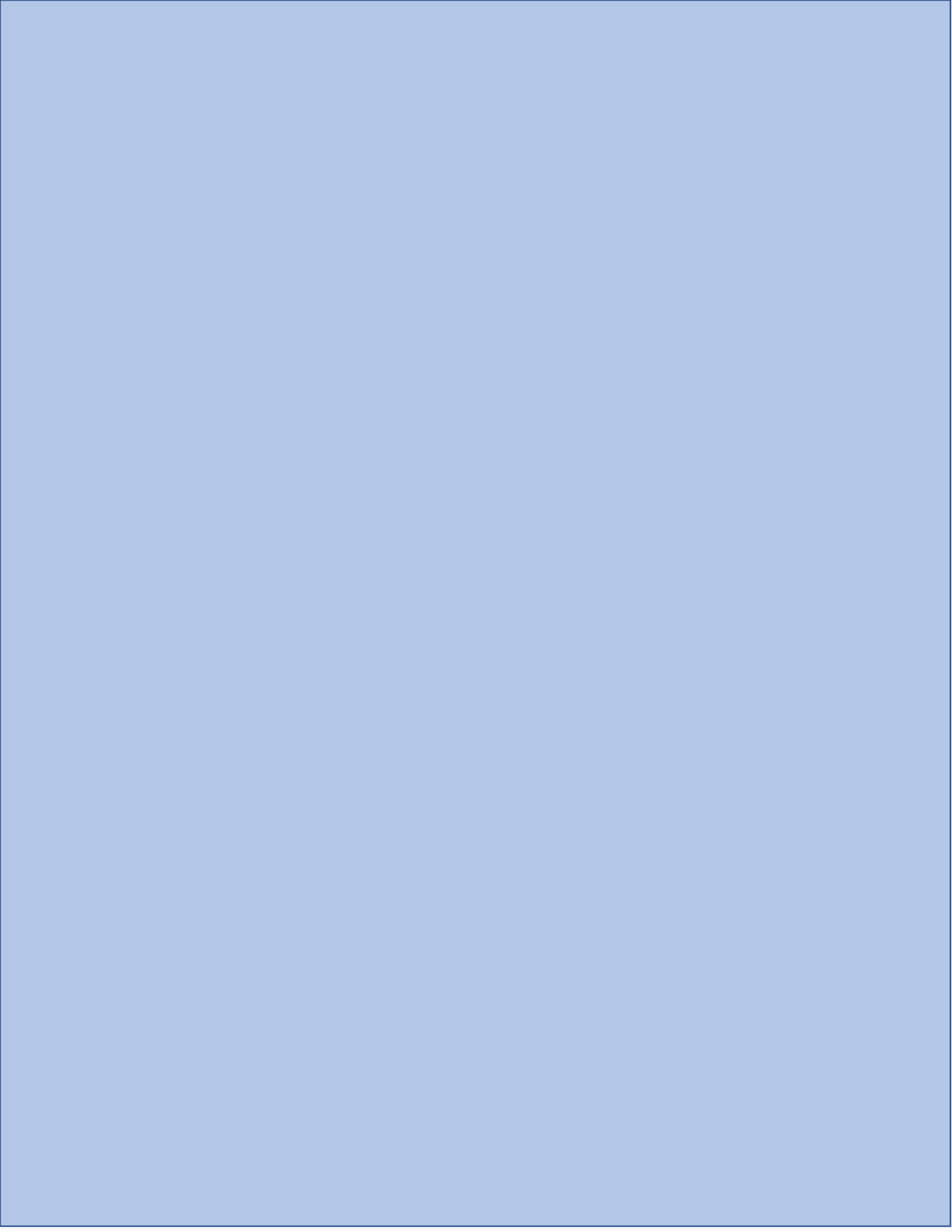
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# Media Madness

## Media Madness: The Next Giant Leap for Mankind

**Instructions:** Watch the video at the link below on your device (tablet or laptop, depending on your teacher’s instructions). Then answer the questions below. (Note: A CEO is the head of a company.)

“SpaceX CEO Elon Musk on the Next Giant Leap” by CBS:  
<https://www.youtube.com/watch?v=OPrb50ZDphc>

1. Who is Elon Musk?

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2. How did Elon Musk get excited about space?

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3. What role has SpaceX played in the space shuttle program?

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4. What is Elon Musk’s long-term goal? Why is this important to him?

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

<https://www.youtube.com/watch?v=tz7We3KNPi0>





