

SMART JUNIORS 2

Moon Exploration or Earth Preservation: A Dilemma

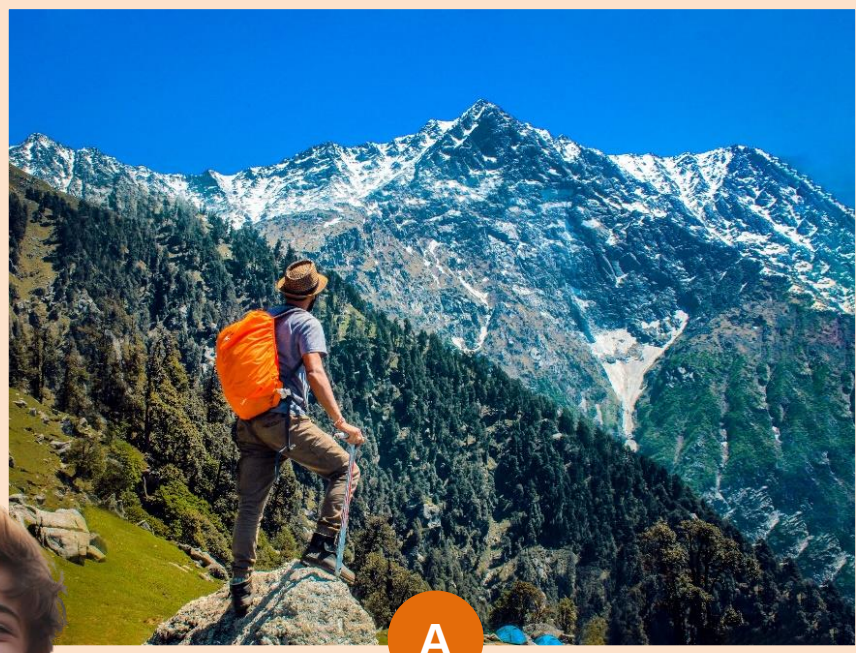
Lesson 19

Topic Vocabulary

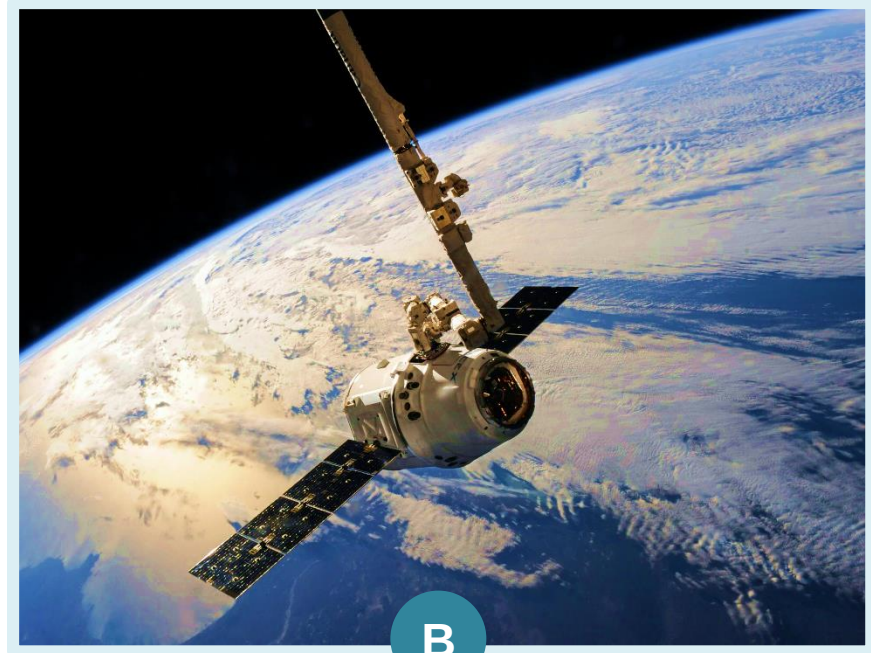


TOPIC DISCUSSION

- If you had a one-way ticket to an incredible destination, which trip would you choose?



A



B

What would you like to see there?



VOCABULARY LEARNING

Inner Space

Complete the paragraph using the correct words.



waterfall

river

sea

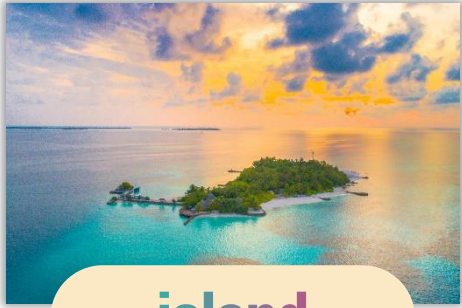
bay

In a pretty valley, there was a calm 1 named Serene. It heard about a big 2 close by and wanted to see the 3. So, it flowed down the hill, creating a beautiful 4 called Serenity Falls.

VOCABULARY LEARNING

Inner Space

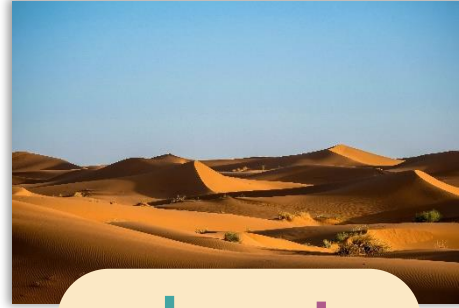
Match each statement with the correct name of the landform.



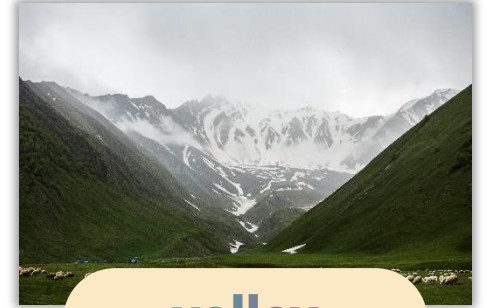
island



cave



dessert



valley

01 A(n) _____ is like a big dip between two mountains.

02 A(n) _____ is a hot, sandy and very dry place.

03 A(n) _____ is a piece of land surrounded by water.

04 He explored the dark _____ with a flashlight.

VOCABULARY LEARNING

Outer Space

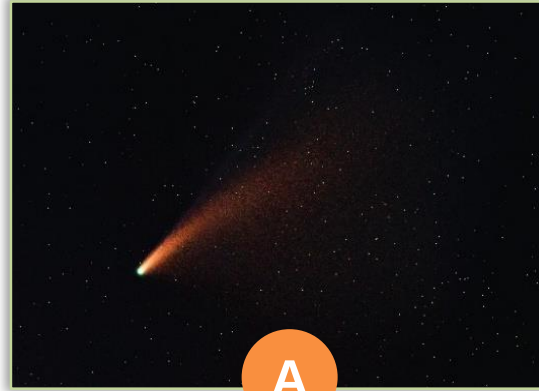
Listen to the description and choose the correct picture.

1. comet

2. asteroid

3. galaxy

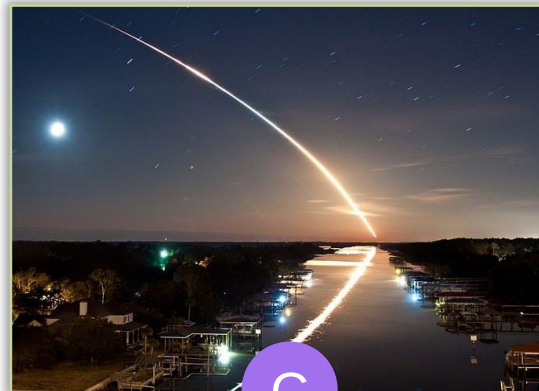
4. meteor



A



B



C

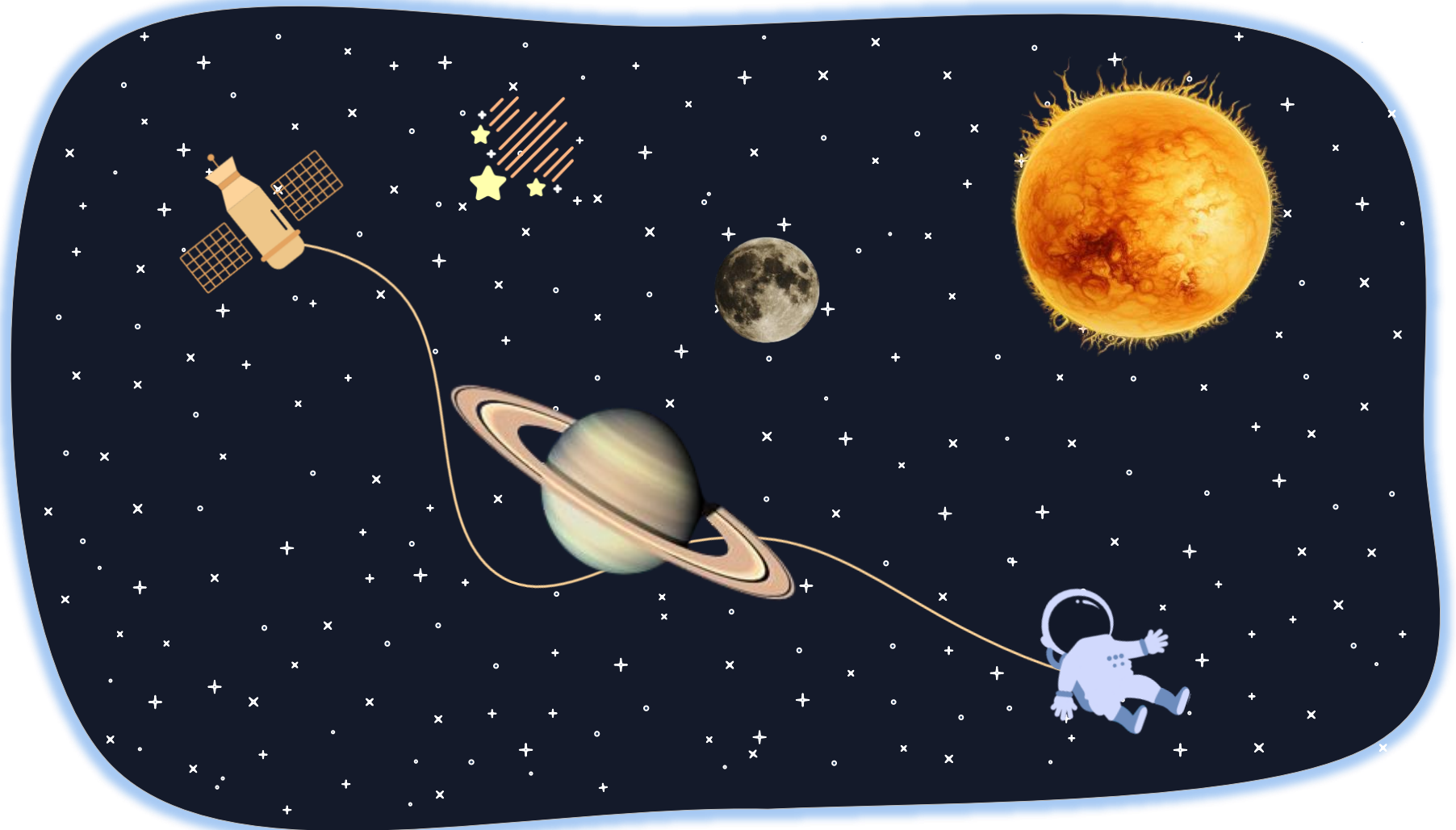


D

VOCABULARY LEARNING

Outer Space

Listen, answer the riddle, and circle the correct picture.



- Read the sentences and choose which one they refer to.

Inner Space

Outer Space

Both Spaces

- 01 It is where we see stars and galaxies. It's like a huge mystery we want to solve.
- 02 We should protect Earth's special places, like coral reefs and forests, for a better future, just like we protect outer space.
- 03 When we send spacecraft and satellites into space, we must be careful not to leave trash behind, as it can harm both our planet and space.
- 04 In space, astronauts float and can do experiments that help in space and on Earth.
- 05 We explore the deep parts of Earth's oceans, and discover interesting creatures.

VOCABULARY FOCUS

discover, explore, research

1 discover

v. to find something new
ex. Astronauts **discovered** a special type of rock in the moon.

2 explore

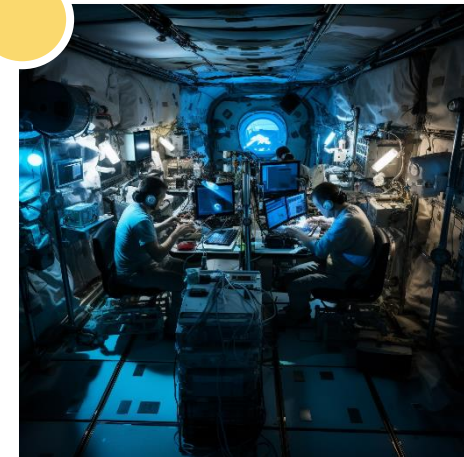
v. to look around or go on a journey to learn more about something
ex. The astronauts will **explore** the moon to learn more about its surroundings.

3 research

v. to find out new things by looking for information, and studying to learn more about a topic
ex. They **research** to find more information about rocks.



- Number the pictures from 1-3.



- Fill in the blanks to complete the story. Change its form if necessary.

discover

research

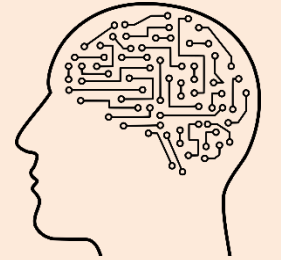
explore

In a coastal village, Mei _____ an old treasure map. She decided to _____ a faraway island. Inside a hidden cave, she found a chest of treasure. When she got back, Mei _____ more about the treasure. Mei's adventure inspired many others to become explorers, setting out on their own exciting journeys.



VOCABULARY SUMMARY

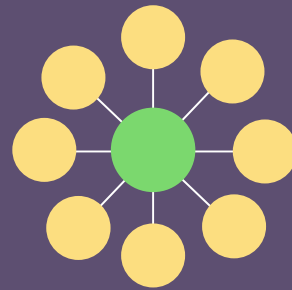
- A mind map is a graphic organizer that **helps us arrange ideas in a logical way**. There are many different forms.



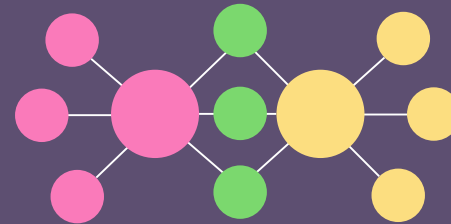
“A mind map can help us organize all the topic vocabulary together!”



CIRCLE MAP



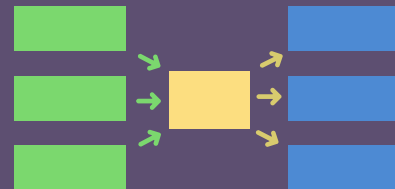
BUBBLE MAP



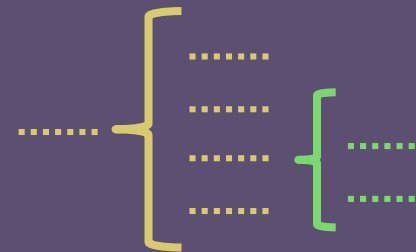
DOUBLE BUBBLE MAP



TREE MAP



MULTI-FLOW MAP



BRACE MAP

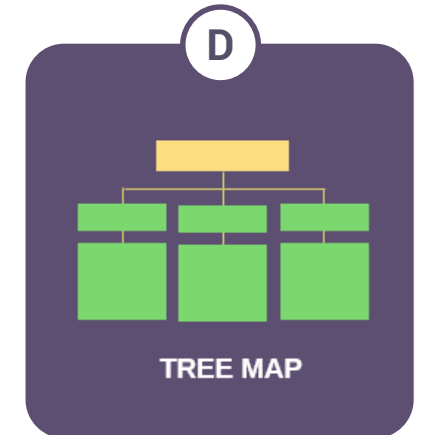
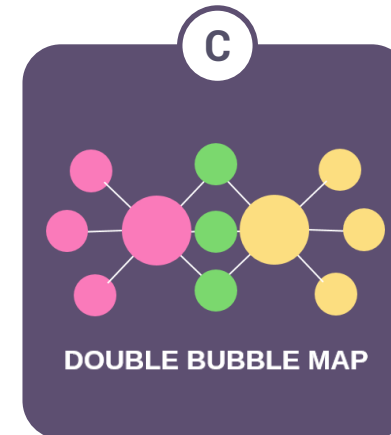
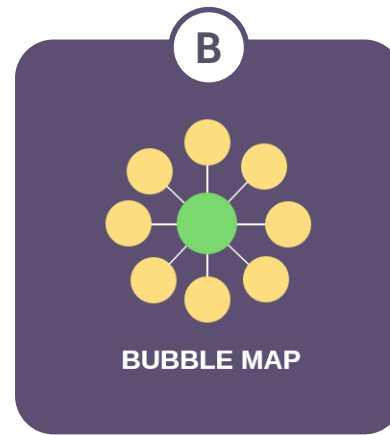
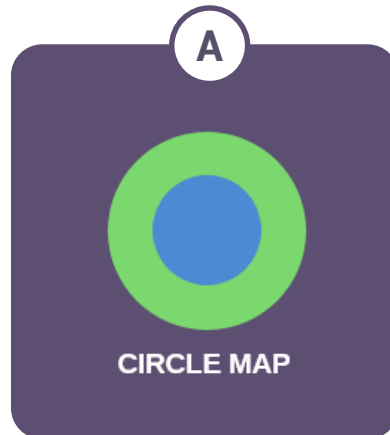


VOCABULARY SUMMARY

- Look at the vocabulary we learned today.

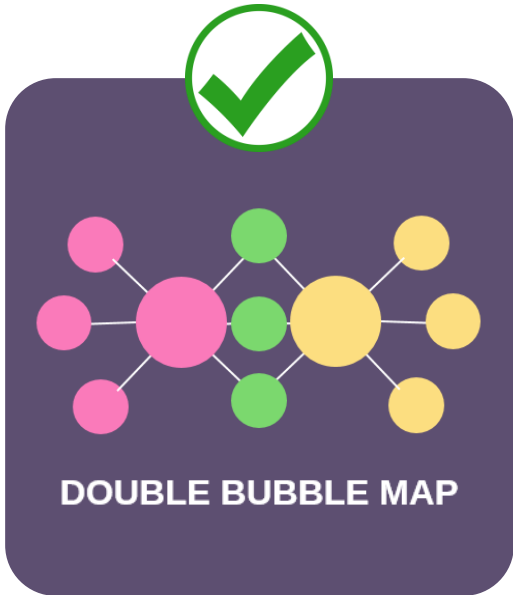
Vocabulary List								
Inner Space	sea	bay	waterfall	river	valley	island	cave	sand dune
Outer Space	galaxy	meteor	comet	asteroid	planet	star	moon	sun
Actions	discover	explore	research					

Which map can help us organize them?



VOCABULARY SUMMARY

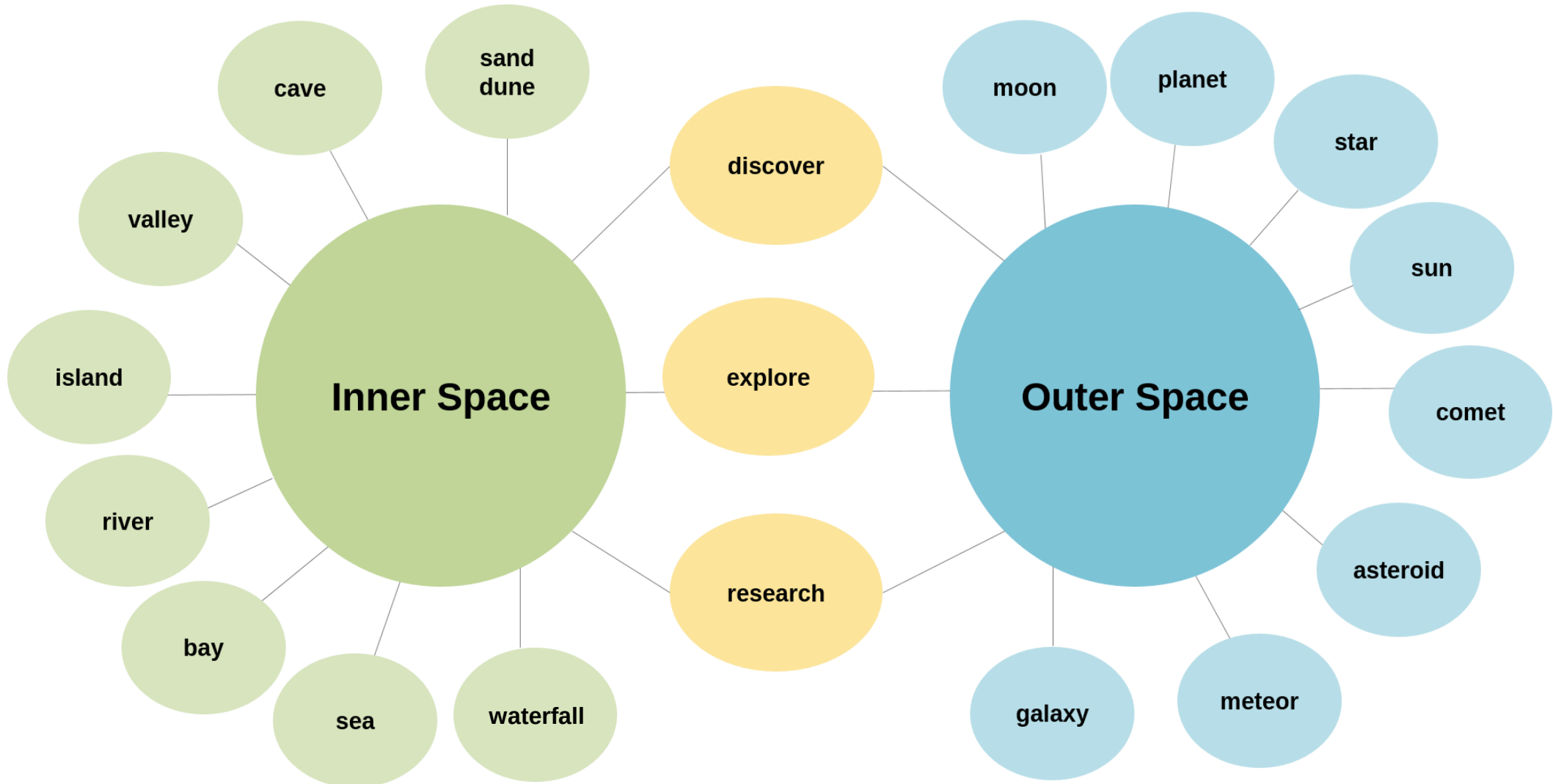
- The double bubble map is a good choice! Let's use the map to sketch our ideas!



Vocabulary List								
Inner Space	sea	bay	waterfall	river	valley	island	cave	sand dune
Outer Space	galaxy	meteor	comet	asteroid	planet	star	moon	sun
Actions	discover	explore	research					

VOCABULARY SUMMARY

- Let's check what the complete map looks like.





- **Create a vocabulary mind map about inner and outer space.**

Option 1

You can draw your own mind map.

Option 2

Find the mind map in your student book and finish it.



The background features a photograph of a space station in orbit above Earth's clouds. A large green diagonal overlay covers the right side of the image. Scattered across the green area are several circles in orange and light green. The text 'WHAT'S NEXT...' is written in a large, white, bubbly font with a green drop shadow.

WHAT'S NEXT...

In the next lesson, we're going to read an essay about
"Moon Exploration or Earth Preservation: A Dilemma."

See you next time!