



SMART JUNIORS 2

**Moon Exploration or Earth
Preservation: A Dilemma**

Lesson 22
Critical Thinking



Supporting an Argument

When choosing a position on a specific topic, it is good to **consider both positions** by listing arguments and supporting details.



example 1

Argument: Regular exercise helps strengthen your muscles and bones.

Supporting Detail: For instance, activities like weightlifting or yoga can build muscle mass, making your body stronger and more flexible.



example 2

Argument: Recycling reduces waste in landfills.

Supporting Detail: When we recycle items like paper, plastic, and glass, it means less garbage ends up in landfills, which can help preserve land and prevent soil and water pollution.

Supporting an Argument

We can **use a table** to list the arguments and supporting details.

| Position 1: | |
|-------------|-----------------------|
| Argument 1: | Supporting Detail(s): |
| Position 2: | |
| Argument 1: | Supporting Detail(s): |
| Argument 2: | Supporting Detail(s): |



LET'S ANALYZE

Let's go back to the essay. Check argument 1 in paragraph 2 and please find the supporting details.

On the one hand, many people believe **exploring the moon can lead to significant scientific discoveries that might benefit Earth, like new resources and technology**. For example, during the Apollo missions, scientists found valuable minerals like helium-3 on the moon, which could change how we produce energy on Earth. Also, space tech developed for moon missions, like solar panels and water purifiers, can help with Earth's environmental issues. Space missions can also encourage young people to pursue exciting careers in space exploration. We've seen astronauts like Neil Armstrong, whose historic moonwalk inspired a lot of people to become astronauts.

Position 1: We should send people to explore the moon.

Argument 1:

Exploring the moon can lead to significant scientific discoveries that might benefit Earth, like new resources and technology.

Supporting Detail(s):



LET'S ANALYZE



Find the second argument and the supporting detail.

On the one hand, many people believe exploring the moon can lead to significant scientific discoveries that might benefit Earth, like new resources and technology. For example, during the Apollo missions, scientists found valuable minerals like helium-3 on the moon, which could change how we produce energy on Earth. Also, space tech developed for moon missions, like solar panels and water purifiers, can help with Earth's environmental issues. Space missions can also encourage young people to pursue exciting careers in space exploration. We've seen astronauts like Neil Armstrong, whose historic moonwalk inspired a lot of people to become astronauts.

Position 1: We should send people to explore the moon.

Argument 2:

Supporting Detail(s):



LET'S ANALYZE



Read the paragraph and complete the arguments and supporting details for this position.

On the other hand, many people insist on focusing on our problems here on Earth first. Addressing Earth's problems is crucial for human survival. If we don't focus on finding solutions for climate change, severe consequences like intense weather conditions, droughts, and floods will endanger people's lives. They also argue that money spent on space exploration could be better used to improve the quality of life for everyone. For instance, investing in clean energy, education, and healthcare, leads to a better society.

Position 2: We should focus on Earth's problems.

Argument 1:

Supporting Detail(s):

Argument 2:

Supporting Detail(s):

LET'S ANALYZE

Check the completed table for both positions and give your opinion and reasons.

Position 1: We should send people to explore the moon.

Argument 1:

Exploring the moon can lead to significant scientific discoveries that might benefit Earth.

Supporting Detail(s):

- During the Apollo missions, scientists found valuable minerals like helium-3 on the moon, which could change how we produce energy on Earth.
- Space tech developed for moon missions, like solar panels and water purifiers, can help with Earth's environmental issues.

Argument 2:

Exploring the moon inspires people to pursue careers in space exploration.

Supporting Detail(s):

Neil Armstrong's historic moonwalk inspired a lot of people to become astronauts.

Position 2: We should focus on Earth's problems.

Argument 1:

Addressing Earth's problems is crucial for human survival.

Supporting Detail(s):

If we don't focus on finding solutions for climate change, severe consequences like intense weather, droughts, and floods will endanger people's lives.

Argument 2:

Money spent on space exploration could be better used to improve the quality of life for everyone.

Supporting Detail(s):

Investing in clean energy, education, and healthcare leads to a better society.



My opinion (with reasons):

In my opinion,

WRITING TASK



Complete the paragraph based on the table.

| Position 1: We should send people to explore the moon. | |
|---|--|
| <i>Argument 1:</i> Exploring the moon can lead to significant scientific discoveries that might benefit Earth. | <i>Supporting Detail(s):</i> <ul style="list-style-type: none">• During the Apollo missions, scientists found valuable minerals like helium-3 on the moon, which could change how we produce energy on Earth.• Space tech developed for moon missions, like solar panels and water purifiers, can help with Earth's environmental issues. |
| <i>Argument 2:</i> Exploring the moon inspires people to pursue careers in space exploration. | <i>Supporting Detail(s):</i> Neil Armstrong's historic moonwalk inspired a lot of people to become astronauts. |



On the one hand, many people suggest Moon exploration leads to For instance,

The development of space tech

Exploring the moon also

The popular astronaut,

WRITING TASK



Complete the paragraph based on the table.

| Position 2: We should focus on Earth's problems. | |
|--|---|
| <i>Argument 1:</i> Addressing Earth's problems is crucial for human survival. | <i>Supporting Detail(s):</i> If we don't focus on finding solutions for climate change, severe consequences like intense weather, droughts, and floods will endanger people's lives. |
| <i>Argument 2:</i> Money spent on space exploration could be better used to improve the quality of life for everyone. | <i>Supporting Detail(s):</i> Investing in clean energy, education, and healthcare leads to a better society. |



On the other hand, a lot of people _____ . It is important to _____ . This is important because, _____ . Other people also argue that _____ . Using this money for causes like _____ will lead to a better society.



When choosing a position on a specific topic, it is good to list arguments and supporting details for both positions. In the student's book on page 47, complete the table with arguments and supporting details then write your essay.

Writing Task: Discuss both views and give your opinion.

Should junk food be banned in schools or allowed in moderation?



| Position 1: Junk food should be banned in schools. | |
|--|-----------------------|
| Argument 1: | Supporting Detail(s): |
| Argument 2: | Supporting Detail(s): |

| Position 2: Junk food should be allowed in moderation in schools. | |
|---|-----------------------|
| Argument 1: | Supporting Detail(s): |
| Argument 2: | Supporting Detail(s): |

The background features a photograph of a space station in orbit above the Earth's surface. 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, bold, rounded font with a green drop shadow.

WHAT'S NEXT...

In the next lesson, we're going to learn some
grammar points about To-Infinitives and -ing Verbs.

See you!