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B3U4

Space Exploration

Reading for Writing



“That’s one small step for a man,
one **giant leap** for mankind.”



All the astronauts on the
America’s Challenger **died**.

Welcome to **Iris**’ class!

ECOSOC Youth Forum 2021

- Countries of time on
- During deaths of
- Nowadays environment
- Should space?



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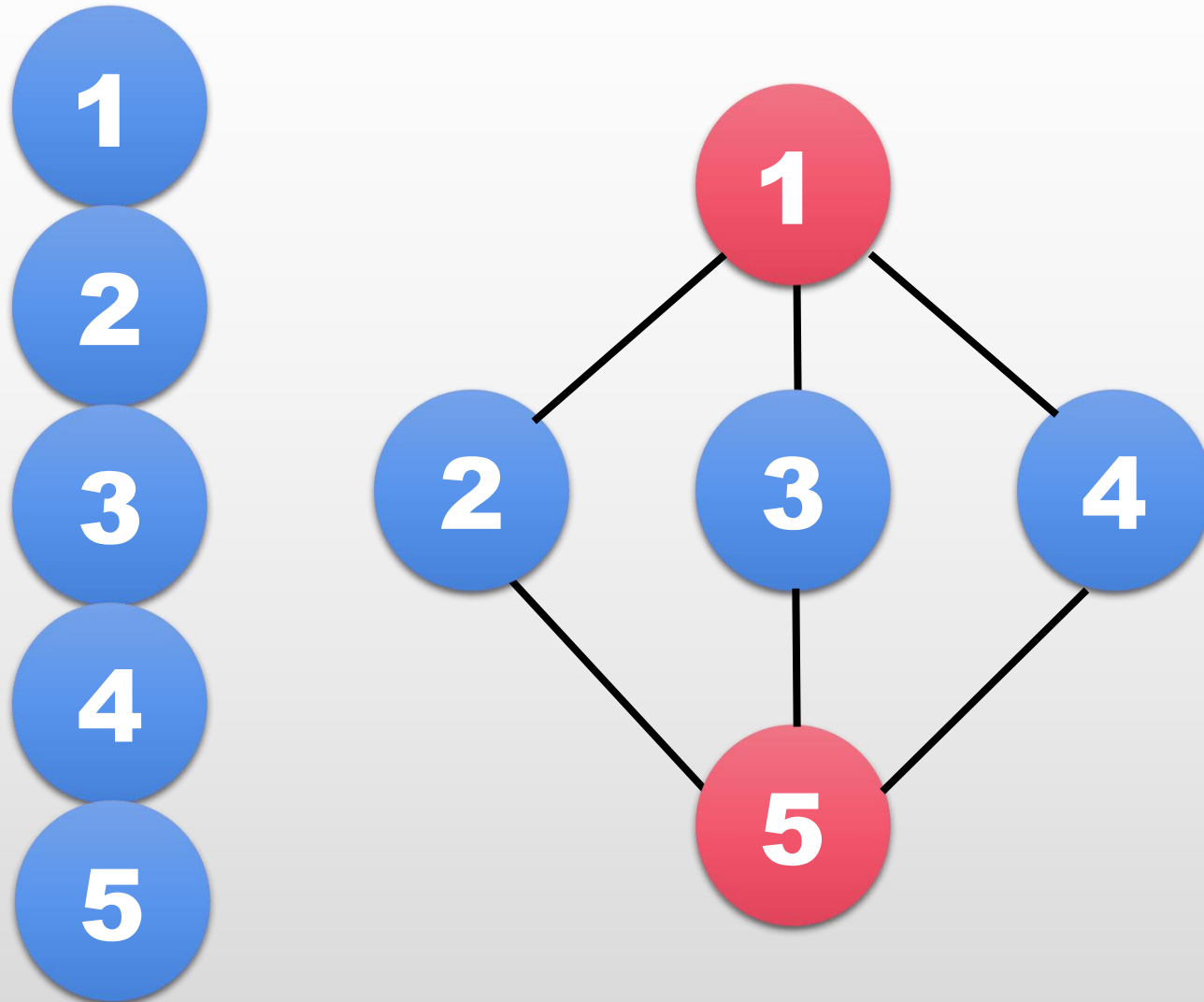
● Is exploring space a waste of time and money?

Is exploring space a waste of time and money?

Your point	Yes	No
Your Reasons (<u>Arguments</u>)		



Skim the passage quickly and
work out the structure.



IS EXPLORING SPACE A WASTE OF TIME AND MONEY?



NASA satellite image of Typhoon Goni

Countries around the **globe** are spending billions of dollars and lots of time on various space missions, whether to Mars or other planets much further away. Some people **argue** that we should stop wasting time and money exploring space. Instead, we should feed the world's poor and find immediate solutions to other problems, such as pollution and fatal diseases. However, others feel this is a **shallow** view which fails to realise how exploring space helps us.

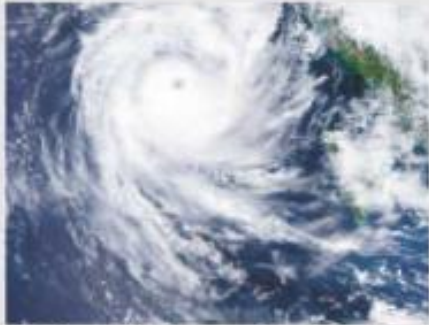
Firstly, exploring space has already made a difference in the fight against world hunger. It has directly resulted in the many satellites that now orbit Earth. A number of the satellites record data on land and weather **patterns**. Then the data is transmitted to scientists on Earth. After careful analysis, the scientists can provide useful recommendations and advice for farmers. As a result, space-based science has helped farming in its efforts to grow enough food to feed Earth's increasing population.

Secondly, space exploration has already promoted technological improvements that benefit us all. High-end products around the world are made to a higher standard now because of advanced technology which was first created to meet the requirements for space exploration. For example, space technologies have helped the research and development of different types of new material. They have also helped companies make better heart **monitors** and other machines that doctors regularly use. Today, space technologies are widely used in all kinds of industries, and everyday products such as GPS, memory foam pillows, and smartphone cameras are changing our lives.

Finally, sending astronauts into space has helped people to think about the world's problems and even to find ways to solve them. Seeing pictures of our planet as an island in a black sea made people realise that our planet's **resources** are **limited**. In order to provide for such a rapidly increasing population, scientists are trying to find other planets that could one day be our new home. The greatest attention at present is on Mars because it is closer to Earth. In the future, humans may live on both planets.

In closing, exploring space provides the world with many different benefits. Therefore, it should continue so as to provide new and better solutions to people's short-term and long-term problems.

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Introduction

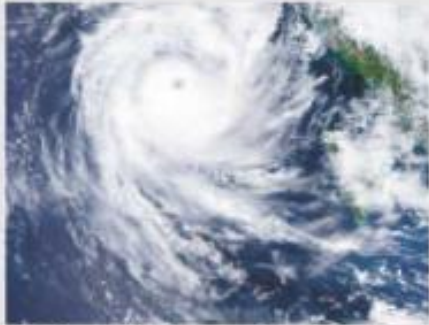
Body

Conclusion

Read the passage carefully and answer the questions.

1. What is the author's point?
2. How does the author develop his point?
3. Do you think it is a good and persuasive argumentative essay? Why?

IS EXPLORING SPACE A WASTE OF TIME AND MONEY?



NASA satellite image of Typhoon Goni

Countries around the globe are spending billions of dollars and launching space missions, whether to some planets much further away or to others that we should stop wasting time and money exploring space. Instead, we should feed the world's poor, solve other problems, and fight fatal diseases. However, the narrow view which fails to realise how exploring space helps us.

Secondly, space exploration has already promoted technological improvements that benefit us all. High-end products around the world are made to a higher standard now because of advanced technology which was first created to meet the requirements for space exploration. For example, space technologies have helped the research and development of different types of new material. They have also helped companies make better heart monitors and other machines that doctors regularly use. Today, space technologies are widely used in all kinds of industries, and everyday products such as GPS, memory foam pillows, and smartphone cameras are changing our lives.

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Introduction

Body

Conclusion

1. What is the author's point?

The author argues that exploring space has benefitted us a lot thus it should continue.

IS EXPLORING SPACE
A WASTE OF TIME AND MONEY?

Argument2

...has already promoted technological improvements that benefit us all.

Secondly, space exploration has already promoted technological improvements that benefit us all. High-end products around the world are made

NASA satellite image of Earth from space. Countries are spending billions of dollars on space missions, whether to Mars or other planets much further away. Some people argue that we should stop wasting time and money exploring space. Instead, we should feed the world's poor and find immediate solutions to other problems, such as pollution and fatal diseases. However, others feel this is a shallow view which fails to realise how exploring space helps us.

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Firstly, exploring space has already made a difference in the fight against world hunger. It has directly resulted in the many

Body

Argument1

...has already made a difference in the fight against world hunger.

In closing, exploring space provides the world with many different benefits. Therefore, it should continue so as to provide new and better solutions to people's short-term and long-term problems.

- 1. What is the author's point?
- 2. How does the author develop his point?

The author develops his point by giving arguments in 3 different aspects.

Argument3

...has helped people to think about the world's problems and even to find ways to solve them.

IS EXPLORING SPACE
A WASTE OF TIME AND MONEY?

Secondly

Secondly, space exploration has already promoted technological improvements that benefit us all. High-end products around the world are made

...has already promoted technological improvements that benefit us all.

some

Finally

others

Firstly

In order to

In closing

In the future

a result

...has already made a difference in the fight against world hunger.

3. Do you think it is a good and persuasive argumentative essay? Why?

Advantage1

clear structure

Advantage2

parallel sentences

Advantage3

proper conjunctions

...has helped people to think about the world's problems and even to find ways to solve them.

Writing Techniques

- A. giving examples
- B. making comparisons or contrasts
- C. making graphs
- D. using quotes
- E. listing data or numbers
- F. giving explanations

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B Countries around the globe are spending billions of dollars and lots of time on various space missions, whether to Mars or other planets much further away. Some people argue that we should stop wasting time and money exploring space. Instead, we should feed the world's poor and find immediate solutions to other problems, such as pollution and fatal diseases. However, others feel this is a shallow view which fails to realise how exploring space helps us.

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3. Do you think it is a good and persuasive argumentative essay? Why?

Advantage1

clear structure

Advantage2

parallel sentences

Advantage3

proper conjunctions
(logical words)

Advantage4

proper writing techniques

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● Is exploring space a waste of time and money?

Are the statements **FOR** or **AGAINST** space exploration?

A. There are a lot of unsolved mysteries on Earth. So why are we going into space to explore?

B. It is necessary to find a new home for people in space, as the resources on Earth will run out.

C. I cannot understand spending all this money on expensive research and experiments when so many people need food.




D. Exploring space encourages scientists to improve technology that can help people in other ways, too.

Is exploring space a waste of time and money?

Your Title:

Your opinion + supporting details

Checklist

		Partner's feedback
About the opinion	Is there a <u>topic sentence</u> which clearly states the opinion?	1–3 stars 
About the content	Does the paragraph give arguments with suitable <u>supporting information</u> ?	1–3 stars 
About the language	Are there any <u>grammar</u> , <u>spelling</u> , or <u>punctuation</u> (标点) errors?	1–3 stars 



possible version1

I cannot understand spending all this money on expensive research and experiments when so many people need food. Around the world, millions of people are hungry and dying of starvation. On the other hand, we hear on TV that for as little as a dollar a day, a child in Africa can be saved. Considering the billions spent on space travel, it just seems a better investment to feed the hungry.



possible version2

Ever since space research began, it has been criticized as a huge waste of money and other resources. Despite the disadvantages and potential dangers, the advantages are far greater. We have already succeeded in using satellites for communications, weather forecast and oil exploration and with further space research, more problems we are having now can be solved. Space exploration contributes not only to the improvement of the quality of human life, but also to our understanding of all the creatures.



Assignment

1. Polish your draft and exchange it with your classmates.
2. Find stories about space exploration from the Internet.

