

2 Peas and a Dog Middle School Teaching Resources

RESOURCE INCLUDES

- ☐ Lesson Plan
- ☐ Teacher Instructions
- ☐ Individual PDFs for Google

Drive

- ☐ Google Slides for 1:1 Schools
- ☐ Audio file of the article
- Pre-reading K-W-L chart
- Non-fiction article (modified and regular levels)
- 3 Post reading activities
 - ✓ Comprehension questions
 - ✓ Grammar questions
 - ✓ Long response writing

EXAMPLE PAGES

K-W-L CHART				
K	W	L		
What do I already know about this topic?	What do I want to know about this topic?	What new things did I learn about this topic from the article?		
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LIFE IN SPACE

Living in Space

Astronauts living at the International Space Station have to do all of the regular daily things they would do on Earth. They eat several times a day, use the washroom, sleep, and exercise to stay healthy.

Of course, they are also living in microgravity (seems weightless almost no gravity) so these tasks aren't as simple as they would be on

The International Space Station
The International Space Station, or
ISS, is a spacecraft that orbits the
Earth. It is a collaboration between several international space agencies, and astronauts from all over the

There is enough room on the craft for six people, plus visitors, and those on board can conduct scientific research in space. Astronauts usually live on the ISS for about six months at a time.

It's not as easy to go and grab some food for a meal when you live in space on the ISS. Due to microgravity, food has to be specially designed for space so crumbs and liquids are not floating



Food on the TSS has to meet certirequirements. It has to be lightweight, nutritious, tasty, wet or sticky (to stop those floating crumbs), compact, and processed or posteurized to make sure it will be good for the whole journey.

What's on the Menu?

what's on the menur Some foods can be eaten the same way in space as they are on Earth, such as fruits, vegetables, nuts, dried fruits and meat. Other foods have to be rehydrated before they can be consumed, such as beverages and spinach. When astronauts drink in space, they have to use a special strain and drink right from the packaging.

Meal supplies are planned out so there is enough for three meals a day and one snack. Depending on the astronaut they get anywhere from 1,900 to 3,200 colories per day.

- ''	THINKING QUESTION					
Assessment	Below Expectations	Meets Expectations	Above Expectations			
	✓-	/	✓•			
Would you like	e to try living in	space? Explain	your thinking.			

K-W-L CHART

Topic:

K	W	L
What do I already know about this topic?	What do I want to know about this topic?	What new things did I learn about this topic from the ticle?
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Eating in Space

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SAMPLE ANSWERS

1. What is the International Space Station?

The International Space Station, or ISS, is a spacecraft that circles the Earth. It is a partnership between several international space agencies, and astronauts from all over the world live in it for periods of time.

2. Why does food on the ISS have to be specially designed?

Due to microgravity, food has to be specially designed for space secrumbs and liquids are not floating away. It has to be lightweight, nutritious easty, wet or sticky (to stop those floating crumbs), compact and cest of to make sure it will not spoil.

3. How are meal supplies planned for the ast uts?

Meal supplies are planned out so there is a rught or three notion one snack. Depending on the astronau the let a livere from 00 3,200 calories per day.

- 4. How is using the black of different lapace panels in?

 The toilet in specifically will be a strong it astronauts as the property of the second that sucks away the wast
- 5. It had take much water. Instead, astronauts wear their clothes until the red dirty and then throw them out.

6. Why do astronauts need to exercise for 2 hours every day?

Being in space causes the body of an astronaut to age prematurely. To keep themselves healthy, astronauts need to exercise about 2 hours every day.

THINKING QUESTION

Assessment	Below	Meets	Above
	Expectations	Expectations	Expectations
	/ -		/+

Would you like to try living in space? Explain your thinking.