



Beiträge + Transkripte:

- 1. Space Debris Buildup Could Threaten Satellites, Space Travel
www.npr.org/transcripts/917424830
- 2. Satellite Launched on Mission to Remove Space Trash
www.npr.org/transcripts/981875203

Format: Interview

Dauer: 1. 3:59 Min. • 2. 3:57 Min.

Quelle: NPR – National Public Radio, Inc.

Sendereihe: 1. Weekend Edition Sunday • 2. Weekend Edition Saturday

Sendetermin: 1. 27.09.2020 • 2. 27.03.2021 • **Verfügbarkeit:** unbegrenzt

Schlagworte: space / science / environment / trash / technology

Sprachniveau: Fortgeschritten; Oberstufe (Ende 10. Klasse bis 13. Klasse)

Sprache: Amerikanisches Englisch, Britisches Englisch



Picture 1 | Photo: Picture Alliance

Inhalt: Diese beiden Radiointerviews befassen sich mit dem Problem des Weltraumschrotts, der von Menschen durch Raumfahrtmissionen verursacht wird. Experten besprechen die Gefahren, die dadurch entstehen, und präsentieren Ideen, wie der Müll wieder beseitigt werden kann. Genau diese Informationen werden im Hörverständnisteil der Übung herausgefiltert. Weitere Aufgaben zu Wortschatztraining, Bildbeschreibung, kreativem Schreiben und Partnerdiskussion runden das Paket ab.

Pre-listening

This worksheet is written in **American English**.

1. Compare the three pictures. What can you see in them? How could they be used to raise awareness of issues?

Picture 1: see cover

Picture 2:



| Photo: Jasmin Sessler on Unsplash

Picture 3:



| Photo: Getty Images

2. Complete the text by putting in the correct **prepositions**. Add articles where necessary. Look up the words in a dictionary if you aren't sure which prepositions can be used with them.

Stargazing

(1) _____ the Internet, you can see a list of the most suitable locations (2) _____ which to best observe the stars (3) _____ sky. You can choose from places (4) _____ land and places (5) _____ ocean. You are supposed to have a magnificent view (6) _____ the Atacama Desert (7) _____ Chile or (8) _____ Kruger National Park (9) _____ South Africa.

Unfortunately, I don't go to these places that often. (10) _____ fact, I've never been to them. It would certainly be a special experience to study the Milky Way with its bright band of twinkling planets from these locations and then to see the sun slowly rising (11) _____ horizon (12) _____ dawn. And (13) _____ sea you should have a good view of the stars from Baa Atoll (14) _____ Indian Ocean. However, I think it would be more environmentally friendly not to travel to these places (15) _____ boat or plane only to look (16) _____ night sky. It would be much better just to go (17) _____ countryside (18)° _____ night when we have clear skies. Far (19) _____ lights of our cities, we will also have a wonderful view of the beauty of the universe.

3. **Space vocabulary:** Find the odd word in the group and explain why it does not fit in.

- | | | | | |
|----|---------------|---------------|---------------|-------------------|
| a) | spacecraft | space station | spaceship | space shuttle |
| b) | globalization | radiation | isolation | lack of gravity |
| c) | laser gun | laser sword | laser printer | laser beam |
| d) | comet | planet | satellite | sun |
| e) | star | moon | sun | the Milky Way |
| f) | to discover | to destroy | to explore | to give a name to |
| g) | scientist | astronaut | cleaner | alien |
| h) | space suit | oxygen pack | space capsule | helmet |

11. Why is it necessary to cope with the issue of space debris now according to Raffi Khatchadourian?

- a) Agreeing on regulations will take time.
- b) There will be much more space debris.
- c) People aren't following the rules.
- d) Getting rid of it will be more expensive later.

You will now listen to the second podcast given in the link below.

You will hear the text twice. Read the questions before you start listening. Write the answers in the blank spaces. You don't have to write full sentences. Keywords will do.

Podcast 2: Satellite Launched on Mission to Remove Space Trash

• www.npr.org/transcripts/981875203

12. The presenter cracks a joke about space trash at the very beginning of the program. Who or what is he making fun of?

13. What happened when the International Space Station had a collision?

14. What is ELSA-d's job?

15. How does ELSA-d work?

16. What is ELSA-d's annual workload?

17. How does Jason Forshaw make sure the listeners understand what a broken satellite means?

18. How does Jason Forshaw underline that his mission is necessary?
