

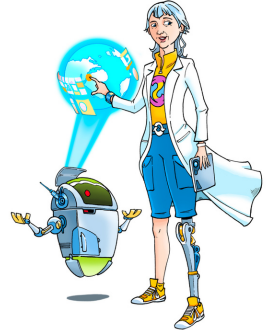
Space Waste Phenomenon –

Questions  

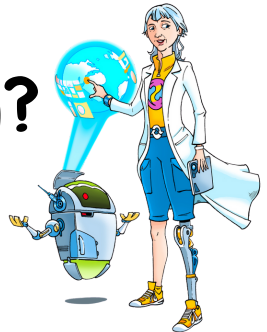
**Use these questions to explore
and think critically about space
waste and its impact.**

Understanding Space Waste

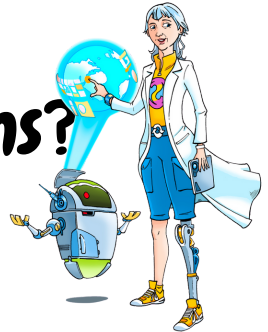
What is space waste, and where does it come from?



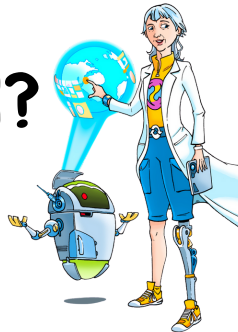
**Why does space waste
stay in orbit
instead of
falling back to
Earth immediately?**



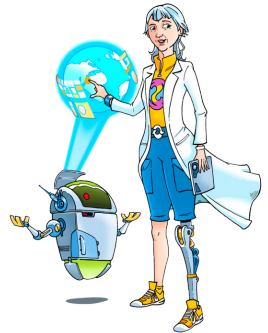
How does space debris affect working satellites and space missions?



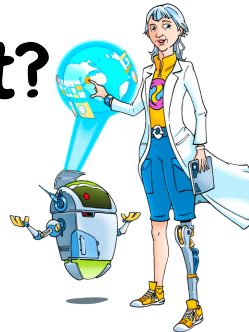
What is the Kessler Effect, and why is it a concern for future space travel?



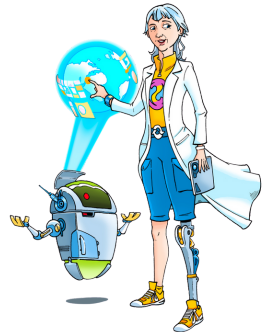
How does space junk pose a risk to astronauts and the International Space Station?



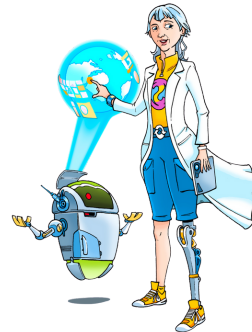
Why is it difficult to remove space debris from Earth's orbit?



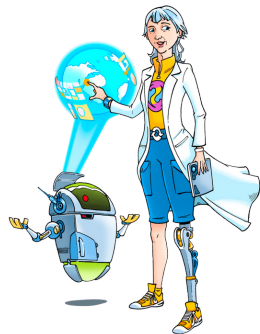
**What are some possible ways
scientists are
trying to clean
up space waste?**



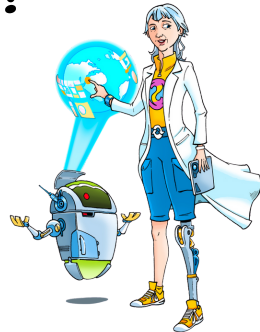
How could future spacecraft be designed to reduce space waste?



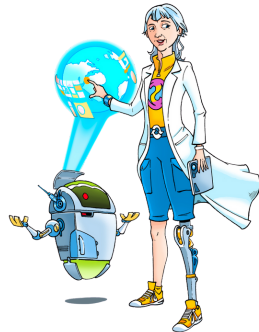
Do you think countries should work together to clean up space? Why or why not?



If you were an engineer, what kind of technology would you design to remove space waste?



**Imagine Earth's orbit in 100 years—
what do you think it will look like if
space debris is not managed?**



**How is space waste similar to
environmental
pollution on Earth? What lessons can
we learn?**

