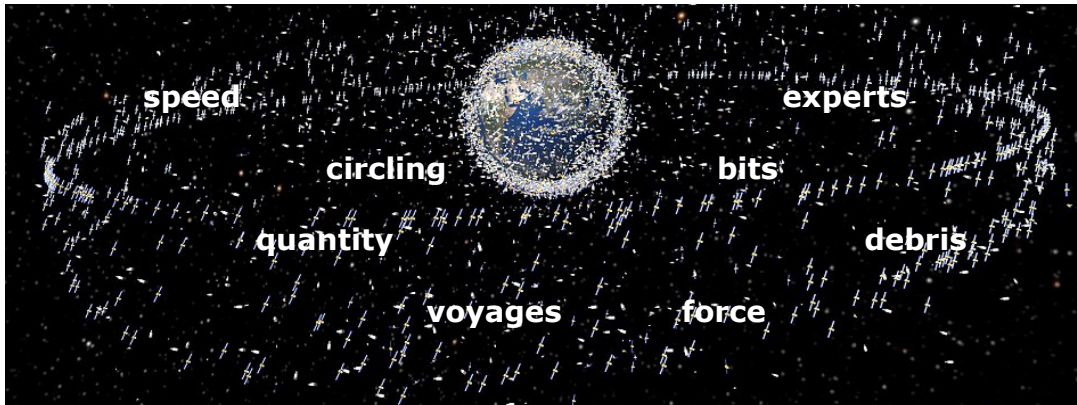


EXERCISE 1

Replace the word in bold.



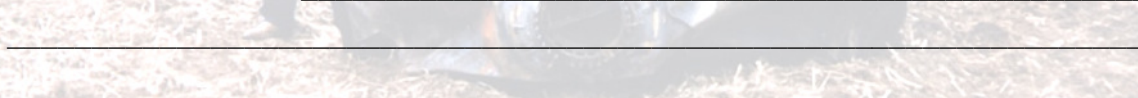
1. In near space, just above our atmosphere, tens of millions of man-made objects and assorted trash and junk are **orbiting** \_\_\_\_\_ at high **velocity** \_\_\_\_\_.
2. **Analysts** \_\_\_\_\_ suggest that most of these **particles** \_\_\_\_\_ collide with **an impact** \_\_\_\_\_ of 36,000km per hour.
3. The sheer **volume** \_\_\_\_\_ of flotsam, jetsam and **debris** \_\_\_\_\_ in space is now threatening the future safety of space **missions** \_\_\_\_\_ of any kind.

EXERCISE 2

Join to form compound words.

1. high	○	○	fetches
2. junk	○	○	craft
3. man	○	○	speed
4. far	○	○	up
5. space	○	○	mail
6. tax	○	○	made
7. clean	○	○	payer

Rewrite these words: \_\_\_\_\_



## GROUP ACTIVITY

Since space debris comes from man-made objects (defunct spacecraft, spent rocket parts and broken satellites left up in space) their presence orbiting space threatens future space missions and even space tourism. Although the chances of space junk falling back to Earth's surface is remote as the Earth contains 70% water and the space junk is supposedly destroyed in the atmosphere or burnt up before reaching the Earth's surface, it however does happen. In 1997, Lottie Williams of Tulsa, Oklahoma in US was in a park at 4am when she saw a ball of fire shooting across the sky at high speed. Shortly after, she felt a tap on her shoulder only to discover no one was there but a small piece of burnt mesh that resembled a returning Delta II rocket – the space junk which she had mistaken for a shooting star in the sky.



Bigger pieces of junk have fallen from the sky and landed in Woomera in South Australia. A collection of it can be seen in the other photo. As there is no sign of man slowing down in going to space or setting apparatus there, junk falling from the sky is likely to continue. Discuss: **Does the accumulation of "space debris" in Earth's orbit pose a significant threat to humans in space and on the ground?**