

What would it be like if there was no gravity holding you down? Watch this video and find out!

Do the preparation task first. Then, watch the video and do the exercises. Remember you can read the transcript at any time.

Preparation

Match the vocabulary with the correct definition and write a–f next to the number 1–6.

- | | |
|--------------------------------|--|
| 1..... a jet | a. the force that keeps us on the ground |
| 2..... gravity | b. to feel something |
| 3..... to experience something | c. a fast plane |
| 4..... a flight plan | d. the route a plane will take |
| 5..... to float | e. to fall quickly towards the ground |
| 6..... to plummet | f. to stay in the air without falling |

1. Check your understanding: ordering

Write a number (1-7) to put these sentences in order.

- | | |
|-------|---|
| | Then, he gets on the plane. |
| | The plane lands. |
| | Outside the plane, Brian asks ‘How do you know that there’s gravity around here?’ |
| | He drops a doll to show gravity on Earth. |
| | The plane climbs to 15,000 metres. |
| | The people in the plane experience zero gravity for a short time. |
| | The plane starts falling to Earth. |

2. Check your grammar: gap fill – present continuous

Complete the gaps using the present continuous and the verb in brackets. You can write more than one word in the gap if necessary.

1. I _____ now _____ towards the ground, just like someone's cut the cable in a lift. (PLUMMET)
2. You can see that I _____ not _____ relative to this Einstein doll. (MOVE)
3. We _____ all just _____! (FLOAT)
4. Some people in the plane _____ in the air and _____ with water. (SPIN, PLAY)
5. I _____ at the same rate as the plane, so I _____ gravity. (FALL, CANCEL OUT)

3. Check your language: multiple choice – cohesion

Circle the best answer to complete these sentences.

1. Every moment of our lives we experience a force that we can't see _____ touch,

nor
or
either
2. _____ this force is able to keep us firmly rooted to the ground.

yet
despite
besides
3. It is, _____, gravity.

however
of course
actually
4. But _____ its intangible nature, we always know it's with us.

although
however
despite
5. Now if I was to ask you "how do you know that there's gravity around here?" _____ you might say "well, it's obvious. I can just do an experiment. I can drop something."

then
so
and
6. Well, _____ actually, gravity is a little bit more subtle than that.

yes
yes, but
no, but

4. Check your vocabulary: grouping – verbs for moving up and down

Do these verbs mean moving up or down? Put them into the correct group.

climb	take off	dive	rise	drop	lift
plummet	descend	fall	plunge	ascend	

moving up	moving down

Would you like to take a flight in this plane?

Why do you think people would want to fly in this plane?

Do you like air travel?

Vocabulary Box

Write any new words you have learnt in this lesson.