

ACTIVITY 1

Read the live chat and check the meaning of the words in **blue**.

Create your own sentences using the words in **blue**. Be prepared to share them on our next Zoom lesson.

WHAT IF ... ?

Live chat followed by our weekly podcast

This week – Send us your science questions about Earth and space.



If a coin fell on me from a skyscraper, would it kill me?

No. **Gravity** would accelerate it a bit, but a coin is flat and small, so it would fall quite slowly through the air. It wouldn't really hurt you. A metal biro **WOULD** be dangerous.



What would happen if everyone on **Earth** jumped at the same time?

Not much. Tell me when you've organized it!



What **disease** is the biggest **threat** to **humans**?

If we aren't careful, diseases will become resistant to antibiotics. So something which isn't dangerous now might be **VERY** dangerous in the future, and could become an epidemic.



What would have happened if dinosaurs hadn't become extinct?

It's hard to say, but we think that they would have eaten us for a snack!

- What will we do if the **sun** dies?
- If an **astronaut** played a guitar in **space**, would anyone hear it?
- Is there life on Mars or any other **planet**?
- What are the chances of a really big **meteor** hitting Earth?
- Which **species** causes the most **deaths**?
- How many **stars** and planets are there in the **universe**?
- How would we greet **aliens** if they came to Earth? Is there a plan?

ACTIVITY 2

Answer questions A - G from the live chat above using your own ideas.

A) IF THE SUN DIES, _____

B) IF AN ASTRONAUT PLAYED A GUITAR IN SPACE, _____

C) _____

D) _____

E) _____

F) _____

G) _____

ACTIVITY 3

Listen to the podcast. Which of questions A - G do the experts answer? Select them below.



ACTIVITY 4

Listen again and complete the sentences with information from the podcast.

- 1 In four billion years, our sun will be about hotter.
- 2 You can't hear music or voices in space because it's a
- 3 The presenter mentions a video of an astronaut playing the guitar in the
- 4 The meteor in 2015 was miles from Earth.
- 5 The meteor was travelling at kilometres an hour.
- 6 are more dangerous than sharks – they kill people a year.