

Space Tourism and Colonialisation

➤ **Discussion:**

Which of the things listed below **a)** have already happened, **b)** will happen in your lifetime, **c)** could happen in the distant future, **d)** are unlikely ever to happen? Give your reasons why/why not

- First humans land on Mars
- Tourist flights into space
- Space hotels
- Reusable spacecraft
- Colonisation of another planet
- People living on huge space station

➤ **Video** - Watch this video and answer the questions below

How space tourism will work - Tech Vision – November 2020 <https://youtu.be/kSOJg6hIUss>

- 1) What were the aspirations and motivations behind the first “space race” in the 1950’s and 60’s? Who were the competitors?
- 2) Why are private companies leading this billionaire space race and not NASA? What is their motivation?
- 3) Fill in the table with as much information as you can about three of the main space competitors

Name	Elon Musk	Jeff Bezos	Richard Branson
Space company (name and description)			
Achievements so far (related to space)			
Ambitions for space			
Motivation for space			

- 4) Meanwhile what projects is NASA working on?
- 5) What comparisons are made between this space race and the one in the 1950’s and 60’s?
- 6) What are the main challenges faced by astronauts on long distance space travel?

➤ **Discussion**

- ☞ Do you think the ambitions of Musk, Bezos and Branson are realistic? Whose project is the most ambitious ?
- ☞ Should we be pouring so much money, time and expertise into space travel? Why/Why not?
- ☞ Which of the following things do you think you’d like to experience if you had the chance:
 - a) a space flight/orbit
 - b) stay in a space hotel
 - b) c) live on a giant space station
 - d) be one of the first people to colonise Mars