



TED Talk: Why We Need the Explorers - Professor Brian Cox

Professor Brian Cox is a Physicist and former band member who presents many science programmes for UK television. He is also a lecturer at the University of Manchester in England. He is very well known in the UK for the way in which he explains the universe in a way that non-scientists can understand. He was born near Manchester, but speaks with a fairly soft Northern English accent, which differs slightly from a real Manchester accent. Naturally, as a professor he speaks with very high-level vocabulary whilst maintaining his Northern accent.

Watch the video in the link below, and answer the questions with as much information as possible. Try to avoid looking at the transcript of the video:

https://www.ted.com/talks/brian_cox_why_we_need_the_explorers/

Vocabulary in the video that you may not know:

wisp - a small thin line of cloud, smoke or steam

1. **(00:00-00:28)** What does Brian Cox believe is being neglected during these times and why? What idiom does he use to suggest that something is being attacked?
2. **(00:25-00:28)** What does Brian Cox aim to achieve in the 15 minutes of the TED talk?
3. **(00:28-01:00)** What does Brian Cox's first slide illustrate, and why is it significant?
4. **(01:47-02:31)** What two objects can we see in the first picture, and what is surprising about their positions in relation to each other? (Don't worry about spellings here!)
5. **(02:35-03:15)** What phenomenon do we see which is so beautiful about the moon in the picture? What is powering this beautiful phenomenon?
6. **(04:59-05:16)** What are the exact words that Brian Cox says during these 17 seconds, and what are the 2 questions he asks?
7. **(05:18-05:45)** Brian Cox shows a very famous picture named "Earthrise" taken by Apollo 8. What have many people said about the picture, and why did they say it?
8. **(05:45-06:04)** What has former US Vice President Al Gore said about the picture many times, and why did he have that opinion?
9. **(06:04-06:48)** What do governments often fail to mention about space exploration?
10. **(06:39-06:48)** What does Brian Cox think that the Apollo mission did for young people?