

หน่วยการเรียนรู้ที่ 4 Science and Technology เรื่อง Beyond Technology
ในงาน Aliens Visit

“What is the protocol if aliens make contact?”



If we find aliens, or they find us, what happens next? Most of the answers to that question come in the form of films. There's Contact (we build a space ship), District 9 (coexist unhappily), Close Encounters of the Third Kind (friendly abductions) and Independence Day (bang!).

Well, there has been a lot of thought about it. “There’s a big debate within the whole community over whether we should respond or not,” says Dr John Elliot, joint coordinator for the UK Search for Extraterrestrial Intelligence (Seti) Research Network – although he admits that it may not be a choice that any single body gets to make. Seti's policy, once it is fairly sure that an intercepted signal is an alien message, will be to share it openly to allow people all over the world to try to understand it. Thereafter, it will be hard to stop anyone from answering.

This scenario imagines receiving a transmission, but not alien visitors themselves. The chance of that is considered remote, even by those who expect aliens to exist, because even aliens are presumed to work within the laws of physics. In summary: our galaxy is a flattish disc about 100,000 light years across, and our planet is right at a sparse edge of it; only a small proportion of the planets in our galaxy are within, say, 1,000 light years of us. As a result, even a craft from such a nearby planet travelling directly towards us at half of light speed – which may be impossibly fast for a machine with life inside it – would take 2,000 years to get here. Why would it come? And what are the chances of it arriving exactly now?





Reading Comprehension (True/False)

- ___ 1. The author gives three examples of what happens after aliens meet us.
- ___ 2. Everyone agrees that we must respond to aliens' signals and messages.
- ___ 3. The staffs at Seti are quite sure that the detected signals are from aliens.
- ___ 4. It takes 100,000 light years from the planets in our galaxy to visit us.
- ___ 5. It may be impossible for aliens to visit the Earth because of far distance.



Interesting Vocab (Fill in the blanks)

abduction	community	coordinator	debate
encounter	independence	policy	proportion
scenario	transmission		

- 1. Mexico gained its from Spain in 1821.
- 2. Her speech caused outrage among the gay
- 3. Broadband has speeded up access to these sites.
- 4. Children make up a large of the world's population.
- 5. The worst is that we lose two or three thousand pounds.
- 6. This meeting will be the first between the party leaders.
- 7. There has been a series of of young children from schools.
- 8. Over the year we have had several(s) about future policy.
- 9. We've just appointed a who will oversee the whole project.
- 10. They believe that Europe needs a common foreign and security