

WHAT IS SMARTPHONE MADE OF?

Task 1. Watch video.

<https://youtu.be/eIdJ22AfsO8>

Task 2. Choose the correct answer.

1. Approximately how many chemical elements are found in a smartphone?

- 25
- 55
- 70
- 110

2. What is a characteristic of a rare earth element?

- There are about 17 different ones
- They are relatively common in Earth's crust, but only found in small amounts
- They are found in many areas in Earth's crust
- They have many uses in smartphones
- All of these are characteristics

3. How might smartphones linked to climate change?

- They produce carbon dioxide
- They have components that use oil in their production
- They produce heat during their use
- All of these reasons

4. What is the predicted number of smartphones that will be in use in 2019?

- 2.3 billion
- 1 billion
- 3 billion
- 7.3 billion

5. What might be an issue for the workers hired to dismantle old smartphones?

- Lack of training on how to safely reclaim metals
- Poor wages
- Unsafe working conditions
- All of these are potential issues

Task 3. Answer the following questions.

- ✓ What are several environmental effects of open pit mining?
- ✓ How could smartphones be linked to societal problems?
- ✓ What are some options for your outdated cell phone? Can you think of any other options?
- ✓ What does it mean to say that your smartphone has a global footprint? What is your reaction to this statement?