

Vocabulary: Innovative technologies 1

Match the words and phrases with their definitions. Click to make a match.

artificial intelligence	the ability of a machine to learn, understand, and reason like a human being
cloning	an operation performed by a robot controlled by a doctor at a distant location
computer chip implants	a computer-generated environment that a person can interact with as if it were real
genetic engineering	creating an exact copy of a living thing using cells from the original
nanotechnology	the science of working with molecules to build tiny devices
remote surgery	small electronic objects placed under the skin in order to identify people or animals
virtual reality	changing the structure of plants' or animals' genes for a specific purpose

Vocabulary: Innovative technologies 2

Choose the correct word or phrase to complete each conversation.

1 **Luna:** Did you hear that a computer program beat a top human player in a game of Go?

Axel: With ▼, machines may become better than humans at everything!

2 **Doug:** My uncle needs a special operation on his heart, but he lives in northern Alaska, far away from the doctors who could help him.

Malina: It sounds like he would benefit from ▼.

3 **Katya:** I wonder if scientists could use ▼ to create more pandas and other endangered species?

Anton: I'm not sure, but it would be great if they could!

4 **Javier:** Why do you need a headset to play that computer game?

Irina: This game uses ▼. With the headset on, you feel like you're inside the game instead of looking at it from the outside. Would you like to try it?

5 **Tessa:** Last year, someone stole my cousin's personal information and used it to close her bank accounts and take out loans in her name.

Daisuke: Identity theft is a growing problem! Maybe we all need to get so we can prove who we are. That would make it harder for thieves to impersonate other people.

6 **Aleksei:** Are you for or against ?

Frida: I think it's our best hope of increasing the world's food supply. Fewer people will go hungry if we create seeds that are resistant to insects and disease.

7 **Ying:** My new phone has more computing power than my laptop!

David: It's amazing, isn't it? Companies are using to make all our electronic devices smaller and faster.