

Do the preparation task first to help you with the difficult vocabulary. Then read the text and do the exercises below to check your understanding.

Preparation

Match the vocabulary with the correct definition and write a–g next to the numbers 1–7.

- | | |
|--------------------------|---|
| 1..... researcher | a. in three dimensions |
| 2..... motion-controller | b. an instrument that is useful for doing something |
| 3..... gaming | c. somebody who investigates or studies something |
| 4..... tool | d. something that controls the motion of an object in video games |
| 5..... 3D | e. existing in a computer, not in real life |
| 6..... virtual | f. a video camera and recorder which you can carry around |
| 7..... camcorder | g. playing computer games |

1. Check your understanding: multiple choice

Circle the correct option to complete the sentences.

- The problem with making a movie like Avatar is ...
 - the story is very complicated.
 - it is very expensive.
 - understanding the technology.
- Research at the University of Abertay ...
 - was not influenced by the film Avatar.
 - was important in making the film Avatar.
 - could mean that complex technology is cheaper in the future.
- The system called Simul-cam ...
 - saved a great deal of time.
 - created a lot of work for actors.
 - used computer-generated images.
- According to Bett, his team are ...
 - working on a tool which is like very expensive technologies.
 - working on a new tool which is being used in films at the moment.
 - working on a tool which could be used in big production films.

5. At the moment, this tool could be used to ...
- a. create a new computer game. b. do different things connected to computer games. c. allow more players to play a computer game.
6. Bett wants this research to develop more because ...
- a. at the moment it can only be used in films. b. at the moment the technology is too difficult to use. c. the tool could be used in film-making as well as gaming.

2. Check your understanding: gap fill

Complete the gaps with a word from the box.

so	without	which	order
being	as	such	managed

- Avatar was _____ a successful movie that it inspired many people to explore making similar films.
- Avatar was _____ expensive to make that researchers decided to try to find a cheaper way to make a similar film.
- Research at the University of Abertay could result in a cheaper version of the technology used in Avatar _____ developed.
- The director of Avatar was able to see the actors instantly in the virtual scene, _____ having to spend days making computer-generated images.
- It was a system called Simul-cam _____ allowed the director to see the actors instantly.
- The team has _____ to adapt the technology to do something similar to the Avatar team.
- The researchers have developed a tool which could be _____ effective as some multimillion-dollar technologies.
- Matt Bett wants to develop this tool in _____ to make it a tool to use in film-making.