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

Preparation: matching
Match the vocabulary with the correct definition and write a–h next to the numbers 1–8.

1. an app a. the natural home of an animal or plant
2. a device b. a computer simulation that makes you feel you are physically inside a game world and can walk around in it
3. a headset c. in three dimensions
4. 3D d. a machine which cools things by blowing cold air
5. a habitat e. a program, especially on a phone or tablet
6. a smartphone f. an object, machine or piece of equipment
7. a fan g. a mobile phone which can do many things that a computer can do
8. virtual reality (VR) h. a piece of equipment that you wear on your eyes, ears or head

1. Check your understanding: multiple choice
Circle the correct option to complete the sentences.

1. The new app will …
   a. make people feel like they are swimming in an ocean.
   b. help people to learn how to swim.
   c. only be for people who can already swim.

2. Animators at Disney studios were encouraged to …
   a. take courses in animal behaviour.
   b. bring animals into their workplace.
   c. do work in zoos.

3. Dr Llyr ap Cenydd …
   a. works as both a computer scientist and a biologist.
   b. had little interest in animation when he was young.
   c. found it difficult to choose a career.

4. It was difficult to make the technology work on a smartphone because …
   a. smartphones get hot too quickly.
   b. smartphones cool down too quickly.
   c. it is very expensive to put complicated technology in a smartphone.
5. In Ocean Rift, dolphins were difficult to create because …
   a. they swim very fast.
   b. they swim close to humans.
   c. they look very closely at fish under water.

6. Now that the app works on a smartphone, …
   a. it will be difficult to transfer it onto a computer.
   b. the computer version can be made more complex.
   c. it will not be possible to use it on a PlayStation.

2. Check your vocabulary: gap fill
Complete the second sentence so that it has a similar meaning to the first sentence, using the word given in CAPITAL LETTERS. Use a maximum of five words.

1. There is a long history connecting science and animation.
   HAVE
   Science and animation ______________________________ a long time.

2. Disney encouraged its animators to visit zoos.
   ENCOURAGED
   Disney animators ______________________________ to visit zoos.

3. ‘I’ve always been fascinated how animation works,’ said Llyr.
   HE
   Llyr said ______________________________ fascinated how animation works.

4. In Ocean Rift, the animals are not animated like in a Disney movie.
   SAME
   The animation of animals in Ocean Rift ______________________________ in a Disney movie.

5. The dolphin was the most challenging creature to animate.
   MORE
   The dolphin was ______________________________ any other creature.

6. Samsung are releasing the Gear VR Innovator Edition in December.
   WILL
   The Gear VR Innovator Edition ______________________________ in December.