



US scientists made the first living robots which looked like the computer game character Pac Man. An **AI** made the robots, which scientists called Xenobots, and they were the first robots which could reproduce or make copies of themselves.

Scientists made the robots from skin **cells** from frog eggs. They put the cells together, and the cells started to move in water. They formed into **pellets**, and scientists wanted to see what would happen if they changed some pellets with more frog cells. They did this, and a few days later, the pellets started to reproduce.

The way that the robots reproduced is very different, as no plants or animals do it this way. Scientists are now deciding how they can use this technology. It is clear that there will be strict rules about it in the future.

**Difficult words:** **AI** (Artificial intelligence, when computers or other machines can do things which people usually do), **cell** (the smallest part of a living thing), **pellet** (a small rounded piece of a thing).

**Discussion Questions****Topic Talk**

1. Define the following words: *AI, cell and pellet*
2. What do the living robots look like?
3. What is special about Xenobots?
4. What did the scientists use to make Xenobots?
5. How did the pellets reproduce?
6. Do Xenobots reproduce in the same way as plants and animals do?

**Express Your Thoughts**

1. Did you ever imagine that robots could reproduce?
2. How do you think this technology can be used?
3. Do you think Artificial Intelligence can be smarter than humans in the future?
4. Will AI eventually replace humans in some sorts of jobs in the future?