Tuesday 13th October 2020

Good morning Year 6!
Scan the QR Code to load the article, or use the paper copy in front of you.

https://www.newscientist.com/article/2244128-human-like-cyborg-eye-could-power-itself-using-sunlight/

Skim read to answer:

1. What is the artificial eye capable of being powered by?
2. Who will it be used by?
3. Where was it developed?
4. What two parts does it feature that are the same of the human eye?
5. How big is the artificial eye?
6. What is the artificial retina made from?
7. What letters did the computer hooked up to the eye successfully read?
8. What part will act as a small solar cell?

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Now read the text with your partner. Take it in turns to read a sentence each. Use the vocabulary definitions to help.

artificial: made by people, often as a copy of something natural

capable: able to do things effectively and skillfully

spherical: round

mimics: to imitate closely/to copy something

generate: to create

hollow: empty

conductive fluid: allows electric charge to pass through

nanowires: a microscopically thin wire

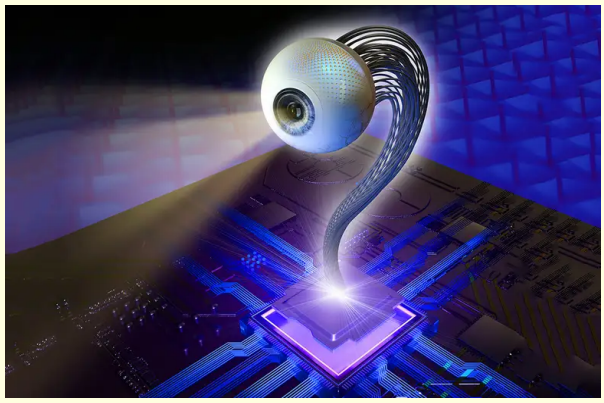
solar cells: turn light from the sun into electricity

self-sufficient: work without outside help

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Let's read the text together to answer the questions.

Discuss text



Thinking Together:

Explain how the artificial eye works.

