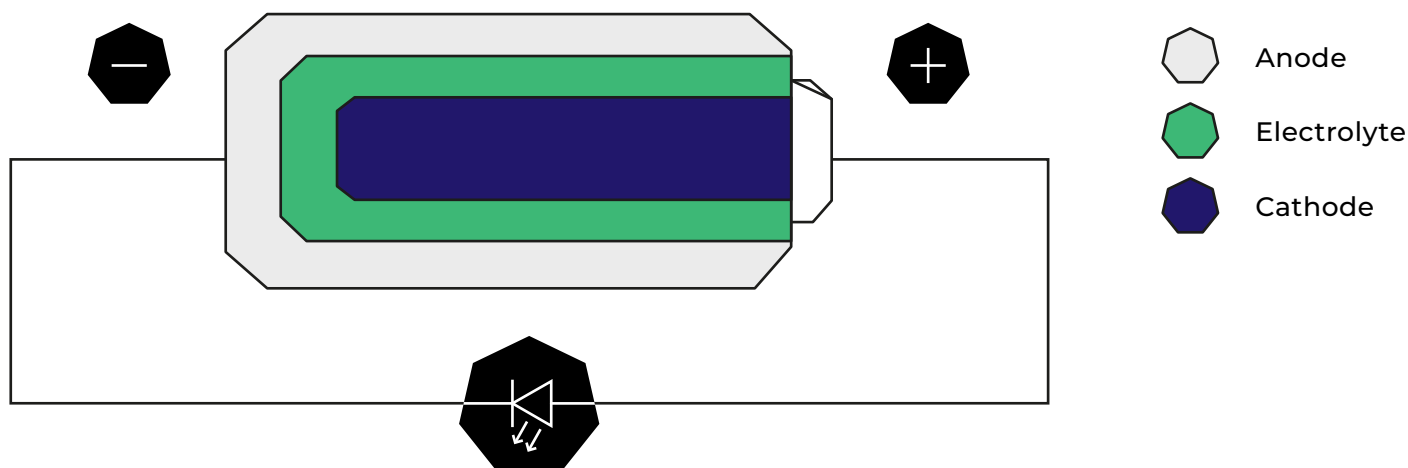


Activity sheet 3

What happens in a cell?



Explain what happens in the circuit when the LED is connected.

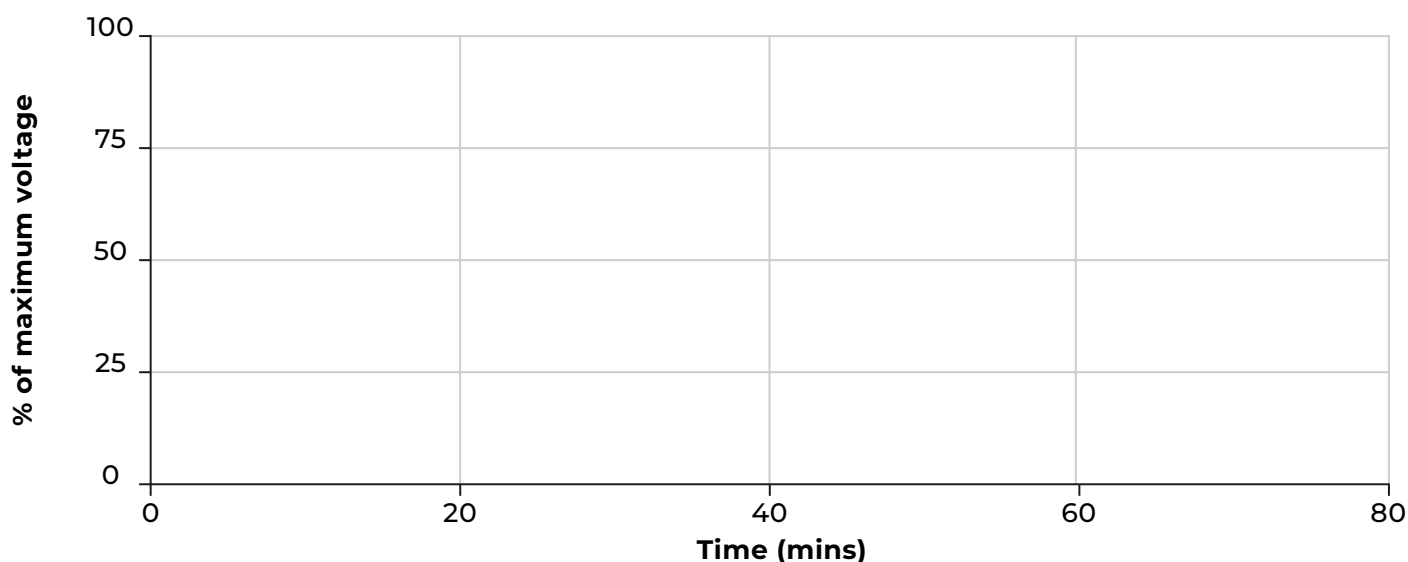
Given your answer above, what must happen inside the cell?

Can what happens inside the cell continue indefinitely, and what evidence supports your answer?



Activity sheet 4

Plot a chart to compare how lithium and alkaline cells discharge:



Describe the difference and suggest how an engineer might use this information when selecting cells to power a device.

Would you use lithium or alkaline cells to power a TV remote or cordless drill?
Justify your answers.

TV remote:

Cordless drill: