## Activity T2 Mobi's Catchment Challenge

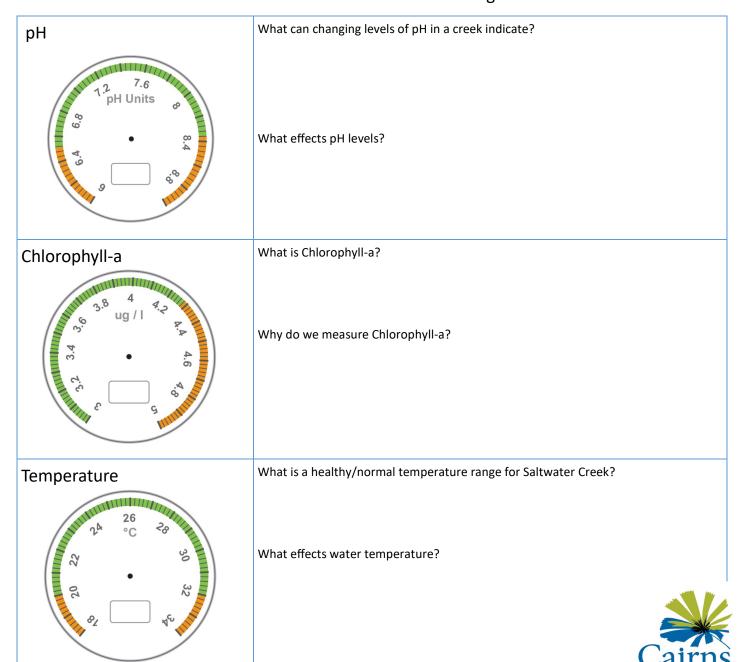


How can you tell if a catchment is healthy?

When you get sick, a doctor will conduct a number of tests that help to predict how healthy or unhealthy you are.

Scientists do the same to monitor the health of the waterways. **The Smart Catchments project** is using SMART sensors placed in Saltwater Creek to and these are sending readings directly to the Gauging Station, which we can then see LIVE online. Therefore any concerns that are raised about the health of the creek can be responded to promptly.

Head to Mobi's Catchment Challenge under educational tools at www.cairns.qld.gov.au/smartcatchments to take a look at the dials to see what is being monitored.



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## What causes low dissolved oxygen? Dissolved Oxygen How does low dissolved oxygen effect the health of the creek? What is salinity a measure of? Salinity What is a normal reading for salinity in Saltwater Creek? What is nitrate? **Nitrate** What is a normal level of nitrate? What causes high levels of turbidity? Turbidity What is the effect of high levels of turbidity?