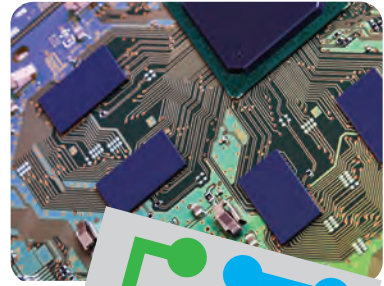


# DON'T CROSS THE WIRES

Circuit boards are plates with trails of metal that conduct electricity in electronic devices. A short circuit is a problem that happens when two wires accidentally cross, which can cause a spark or even a fire. Electrical engineers prevent short circuits from happening by wrapping wires in non-conductive insulation that keeps the wires protected even if they accidentally touch.



Practice your circuit skills by connecting the dots that are the same color. Make sure the different connections don't overlap or touch!

