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Scientific Method

- 1 Make observations
- 2 Formulate a hypothesis
- 3 Devise a testable prediction
- 4 Conduct a critical experiment
- 5 Draw conclusions and make revisions

2 Case Studies

Ulcers

- Cause (stress & spicy foods)
- treatment (turns- neutralize acid)
- cure
- *Helicobacter pylori* (bacteria)
- antibiotics kill bacteria
- * 2005 Marshall and Warren
got Nobel Prize

Tardigrades

Micro animals

- 1200 species
- 8 legs
- can be cryptobiotic
- withstand
 - + heat
 - + cold
 - + radiation

Wind dispersed - hard to prove