

The Nature of Science

- 1 Science is not just a body of knowledge...



...but a method for understanding the natural world

- 2 The cycle of the Scientific Method:
observe nature,
make a testable
hypothesis, test it,
and refine it



- 3 Because most objects beyond the Earth are so distant, Astronomy must primarily on new observations instead of experiments



- 4 An early win for the scientific method in Astronomy: the heliocentric model for the solar system

