

September 8, 2021
MSE 2101 topics

- What makes a question *scientific*?
- The predictive power of observations: solar and lunar eclipses
- Why do we consider Ancient Greece the cradle of science?
- Why would Earth be flat, motionless and centered?
- The idea behind scientific models
- Thales, Anaximander, Pythagoras on the shape of Earth
- ~400 B.C.: Plato, Aristotle and the Geocentric model
- ~260 B.C.: Aristarchus, “If Sun is much larger than Earth, why would it revolve around it?”
- ~150 B.C.: Ptolemy and the Ptolemaic model: “How do we explain the retrograde motion of the planets?”