

September 1, 2021
MSE 2101 topics

- Open and globular clusters
- Our galaxy, the Milky Way
- Galaxy clusters
- The Universe
- Alright, so there really is plenty of space! Soooo... life?
- Drake's equation
 - Fraction of inhabitable planets? _____
 - Fraction of planets with life? _____
 - Fraction of intelligent life? _____
 - Fraction of communication-capable life? _____
 - Longevity fraction for a civilization? _____

 - Final answer: _____
- What makes a question *scientific*?
- Why do we consider Ancient Greece the cradle of science?
- Thales, Anaximander, Pythagoras on the shape of Earth