

December 5, 2014
MSE 2101 topics

- Will Earth freeze or burn if it moved ± 1 mile?
- The concept of a habitable zone
- Being in the habitable zone does not guarantee habitability
- Habitable zones evolve
- If life was found on Europa, would that change our perception of the habitable zone?
- Are Venus, Earth and Mars in the habitable zone?
- Why is Venus so hot? (yes, I know you know this already!)
- Why did Venus keep its carbon dioxide?
- Ok, but why does Venus not have water?
- What would happen to Earth if we placed it to where Venus is?
- Habitability factors:
 - distance from the central star
 - planetary size
 - atmosphere
- The boundaries of the habitable zone today