

Overview
Notes 9/8/2014

- Not an explosion in space, but instead is an expansion of space with matter going along for the ride
- How do we know it's expanding? Red Shifts! The larger the red shift the larger the distance

- Galaxies are moving apart from each other as the Universe is expanding
- Our Sun is moving within our galaxy as the Earth is moving around the Sun

- Milky Way is a Spiral Galaxy in the Local Group
- Our Solar System is one of many planetary systems in the galaxy
- Earth is a satellite planet of one particular star
- About 100 billion stars

- Normal Spiral
- Barred Spiral
- Elliptical
- Irregular

Groups/Clusters:

- Several galaxies form groups or clusters

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