



Today's goals:

- Describe the Hubble "tuning fork" and summarize its use today.
- State the basic differences between elliptical and spiral galaxies in how they look at visible wavelengths
- Outline the general differences in kinds of stars dominating each type, the presence of gas and dust, and the presence or absence of star formation
- Be able to classify galaxies based upon their morphology

7

Hubble tuning fork

• Describe the Hubble "tuning fork" and summarize its use today.

Elliptical galaxies **Spiral galaxies**

State the basic differences between elliptical and spiral galaxies in how they look.

Spiral galaxies: List at least 3 characteristics.

Ellipticals: List at least 3 characteristics.

Hubble Deep Field HST - WFPC2

PHOTONIC - ST ScI ORC - January 16, 1995 - R. Williams (ST ScI, NASA)