

Illinois
High School

Know and apply concepts that explain the composition and structure of the universe and Earth's place in it.

Early High School

12.F.4a Explain theories, past and present, for changes observed in the universe.

Starry Night Lesson Plans

In order of relevance

H1-H3 I3 F3 E4

12.F.4b Describe and compare the chemical and physical characteristics of galaxies and objects within galaxies (e.g., pulsars, nebulae, black holes, dark matter, stars).

G1-G3 H1-H3 F3 I3

Late High School

12.F.5a Compare the processes involved in the life cycle of stars (e.g., gravitational collapse, thermonuclear fusion, nova) and evaluate the supporting evidence.

G2 G3 F1-F3 I3

12.F.5b Describe the size and age of the universe and evaluate the supporting evidence (e.g., red-shift, Hubble's constant).

I1-I3 H2 H3