

## U. S. Curriculum Correlations by State

### West Virginia

#### Grade 9

##### 10. Origin and Changes in Earth Systems and Universe

- g. Research and describe the life cycles of various stellar types (SC.9.4.38).
- h. Interpret topographic maps, weather maps, and charts and astronomical models (SC.9.4.39).

#### Grade 10

##### 10. Origin and Evolution in the Earth Systems and Universe

- d. Compare and contrast the characteristics of Earth and the other planets relative to their distance from the Sun (SC.10.4.39).

#### Advanced Environmental Earth Science

##### 6. Astronomy

- a. Research theories concerning origins of the Universe (AES.4.22).
- b. Apply Newton's Law of Universal Gravitation to the motion of celestial objects (AES.4.23).
- c. Investigate the Solar System (AES.4.234)
- Origin Theories
  - Comparing and contrasting the planets
  - Planetary motions
  - Other celestial bodies.
- d. Investigate stars and their evolution (AES.4.25).
- e. Explain the relationships between location, navigation and time (AES.4.26).
- f. Compare ancient and modern methods and tools used to study astronomy (AES.4.27).
- g. Investigate the electromagnetic spectrum as related to observable phenomena in the Universe (AES.4.28).

#### Starry Night Lesson Plans

*In order of relevance*

G2 F3

All Starry Night Lesson Plans

B1-B2 C1-C3 D1-D3 F1-F3

H1 H2 H3 I1

C2 D3

A1-A5 B1-B2 C1-C3 D1-D3  
F3  
C1  
C2  
C3 D1 D2 D3

F3 G2

E1 E2 E3

E1-E3 F1-F3 G1-G2 H1-H3I 1-I2

I1 H1 H2 H3