

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_ # \_\_\_\_\_

Topic 3 - Deep Space Astronomy - Flipped Video 2

**2) Universe Scale and Structure (9:03) Michael Sammartano**

<https://www.youtube.com/watch?v=u4NtdzRaBp8>

What is the Universe? (0:37)

How old is the Universe? (1:37)

List the components of the Universe.

Largest \_\_\_\_\_ Smallest \_\_\_\_\_

Galaxies are \_\_\_\_\_

(2:09)

Galaxies are thousands of \_\_\_\_\_ across. (2:20)

Stars are \_\_\_\_\_

(3:02)

Nuclear Fusion turns light elements like \_\_\_\_\_

into heavier elements like \_\_\_\_\_. (3:36)

Planets are \_\_\_\_\_

(3:55)

Exoplanets are \_\_\_\_\_

(4:43)

Moons are \_\_\_\_\_

(5:23)

Asteroids are \_\_\_\_\_

(6:17)

The Asteroid belt exists between \_\_\_\_\_ and \_\_\_\_\_. (6:34)

Comets are \_\_\_\_\_

(6:54)

A common characteristic of comets is a \_\_\_\_\_. (7:03)

### Topic 3 - Deep Space Astronomy - Flipped Video 2a

#### **2a) The Universe (4:44) Hommocks Middle School**

[https://www.youtube.com/watch?v=\\_7P8QIT3GWk&list=PL37057D7BFD1608CB&index=89](https://www.youtube.com/watch?v=_7P8QIT3GWk&list=PL37057D7BFD1608CB&index=89)

Watch this video and list 5 or more points that were discussed in this film that were not addressed in Flipped Video 2 by Michael Sammartano.