



Star Birth Nebula Lesson Plan

Time: 40 minutes

Goals: To gain an understanding of the start birth process and the nebula they are born in.

Objectives: Students will:

- Watch the “Star Birth Nebula” segment of the “How far away is it” video book.
- Take a short quiz.

Materials:

- Internet connection with a computer for viewing [“Star Birth Nebula” segment on YouTube](#)

Directions:

- Introduce the Star Birth Nebula segment as our first look at how and where new stars are born. Point out that Planetary Nebula and Supernova Remnants nebula were all associated with stars dying.
- Show the video.
- Review what they saw:
 - How there are three kinds of nebula.
 - How new stars are born.
 - How large and beautiful star birth nebula can get.

Assessment:

1. Take a simple quiz. Print and distribute the quiz on page 2. Here are the answers:
 - What is growing inside Gaseous Globular Clusters (EGGs)?
Answer: c) Stars
 - What kind of nebula is the Horsehead Nebula?
Answer: c) Dark Nebula
 - What causes nebula like Orion to glow?
Answer: b) Imbedded stars



Star Birth Nebula quiz

- What is growing inside Gaseous Globular Clusters (EGGs)?
 - a) Moons
 - b) Planets
 - c) Stars
 - d) Galaxies

- What kind of nebula is the Horsehead Nebula?
 - a) Emission Nebula
 - b) Reflection Nebula
 - c) Dark Nebula
 - d) Crab Nebula

- What causes nebula like Orion to glow?
 - a) Nearby stars
 - b) Imbedded stars
 - c) Distant stars
 - d) Supernova

