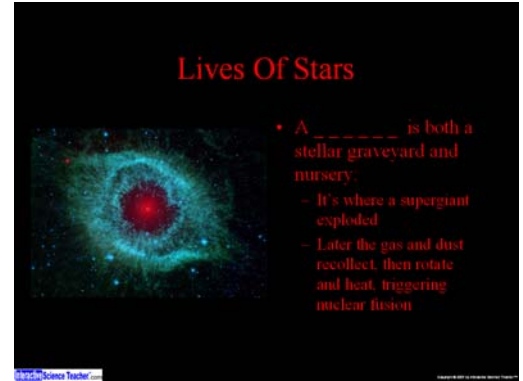
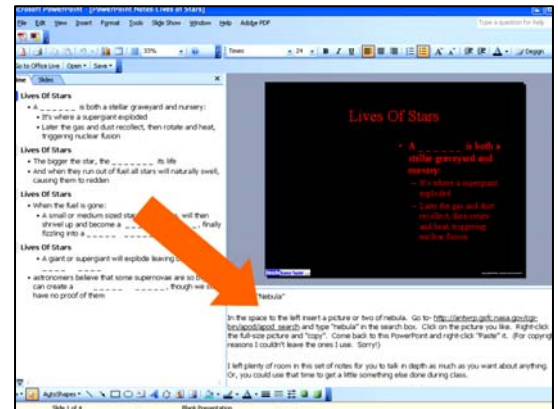


Notes-Characteristics Of Stars

Characteristics of stars is covered in this set of notes. The information has been kept to a minimum, so there's room for you to add to it with more words or pictures.



Follow the directions in the notes area of the PowerPoint (see last page) to insert images of galaxies, stars, and the HR diagram.



Video Summary:

Have students copy the notes shown.

Answers:

Characteristics Of Stars

- Galaxy
- Parallax

- _____ - a collection of billions of stars
- _____ -how astronomers measure distance to nearby stars

There are 3 characteristics of stars:

- Size
- Temperature
- Brightness

1. _____ -varies from being 100x smaller to 100x larger than our sun
2. _____ -told by looking at its color
 - young, hot stars are blue/white
 - old stars are reddish
3. _____ - depends on the star's size and

temperature

- Apparent
 - _____ magnitude- how bright the star appears to us on earth
- Absolute
 - _____ magnitude- how bright it would appear from 10 parsecs away

- Hertzsprung-Russell

The _____-_____ diagram shows the relationship between the temperature and brightness of stars

This shows the first slide of the PowerPoint.



Come back and visit InteractiveScienceTeacher.com to upgrade this lesson with:

PowerPoint- lead your students through the lesson click-by-click
-includes links to images you can insert

