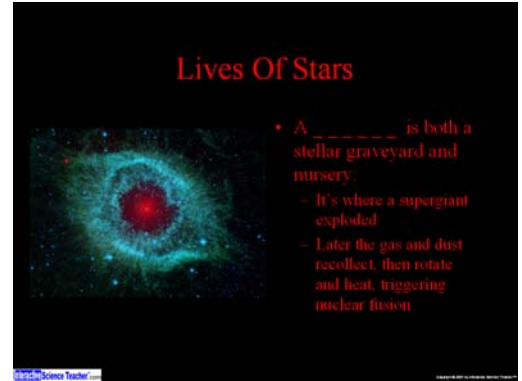


Notes-Characteristics Of Stars

The lifecycle of stars from beginning to end is covered in this set of notes. The information is 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 section.



Have students copy the notes shown. Feel free to make any changes.

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

1. _____ - varies from being 100x smaller to 100x larger than our sun

2. _____ - told by looking at its color

- Temperature

- young, hot stars are blue/white

- old stars are reddish

3. _____ - depends on the star's size and temperature

- Brightness

- _____ magnitude- how bright the star appears to us on earth

- Apparent

- _____ magnitude- how bright it would appear from 10 parsecs away

- Absolute

- Hertzsprung-Russell

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

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

Characteristics Of Stars



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

Characteristics Of Stars



- There are 3 characteristics of stars:
 - Size - varies from being 100x smaller to 100x larger than our sun

Characteristics Of Stars



- Temperature - 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