

Galaxy Designer Activity

Before beginning this activity read the information located at:

Wikipedia Galaxy Morphological Classification,

http://en.wikipedia.org/wiki/Galaxy_morphological_classification

Some helpful websites include:

Types of Galaxies, <http://www.astronomynotes.com/galaxy/s3.htm>

Wikipedia Galaxy, <http://en.wikipedia.org/wiki/Galaxy>

What Types of Galaxies Do We Find in the Universe?,

<http://zebu.uoregon.edu/~soper/Galaxies/types.html>

Because of your excellent knowledge of galaxies, the Intergalactic Galaxy Formation Committee has invited you to present a paper on galaxy formation. You must write about a real, existing galaxy, other than the Milky Way, Andromeda, or the Large or Small Magellanic Clouds.

Write a one page, double-spaced description of the galaxy you selected that includes all of the following:

1. your rationale for selecting this galaxy
2. its type, general appearance, and formation history, based on what is currently known about galaxy evolution
3. how it would appear to creatures of other galaxies millions or billions of light years away – you may include an image of the galaxy you chose
4. its size, including its diameter in light years and approximate number of stars
5. what will happen to it in the future

You may include pictures and/or information obtained from additional sources, however you **must** include all references used, even those listed by the instructor, and **type** this assignment in order to receive credit!