

Extreme Life Activity

Before beginning this activity read the information located at:

Wikipedia Extremophile,

<http://en.wikipedia.org/wiki/Extremophile>

Some helpful websites include:

Astrobiology and Life Science Extremophiles,

http://www.spaceref.com/Directory/Astrobiology_and_Life_Science/extremophiles/

Encyclopedia of Science Extremophiles,

<http://www.daviddarling.info/encyclopedia/E/extremophile.html>

Who are the Extremophiles?,

<http://serc.carleton.edu/microbelife/extreme/extremophiles.html>

You have been endowed with “special powers” that allow you to live in an extreme environment and have chosen to be one of the following: acidophile, alkaliphile, endolith, halophile, hyperthermophile, hypolith, lithoautotroph, metalotolerant, oligotroph, osmophile, piezophile, psychrophile, radioresistant, thermophile, or xerophile. Write a one page, double-spaced description that includes all of the following:

1. your “special powers” and living conditions
2. where you would be found on planet Earth and where you might possibly be found in the solar system and/or galaxy
3. something else that we should know about you that makes you special

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!