04413

 ***NO LATE PROJECTS***

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DUE 18 SEPTEMBER, 2015

 Friday

Biome \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Human Impact Project**

**Purpose:** You will create a short presentation (3-5 min) to teach your classmates about one of the Earth’s Biomes. In addition to the description of biotic and abiotic factors that characterize this biome, you will discuss human impacts on the environment. You will be the expert on your Biome in your small group. See me if you have identified a human or natural cause not listed below. Check your rubric often to ensure your total points.

Project goals:

 To solidify your understanding of the human impact on the environment

 To evaluate sources for validity

 To practice research skills and summarizing skills

You will create a presentation format (choices listed below) which must include:

* General information about the Biome
* Focus area in specific from your Biome
* Soil composition
* Climatogram of the temperature and precipitation
* Map of the world to identify the location of the Biome
* Illustrations or images about the Biome
* Identify at least **5** main causes to environmental damage; ***can be human causes and natural causes (5 in total)***
* Identify at least **3** main solutions that are developed or being developed to correct the damage
* 5 sources (cited using MLA format) separate sheet
* Works cited

**Presentation format:** Prezi, PowerPoint, created video, children’s book, poster

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| --- | --- |
| **Human Activity** |  |
| Acid Precipitation |
| Global warming/Climate Change |
| Ozone depletion |
| Deforestation |
| Water pollution |
| Smog |
| Bioaccumulation |
| Biomagnification |  |

[**World Biomes and Ecological Relationships**](http://www.blueplanetbiomes.org/world_biomes.htm) - Provides information about the relationships between biomes and their organisms. [**The World's Biomes**](http://www.ucmp.berkeley.edu/glossary/gloss5/biome/) - A web site packed with information about the different types of biomes found on Earth.

* [**Introduction to Biomes**](http://www.radford.edu/~swoodwar/CLASSES/GEOG235/biomes/intro.html) - This site discusses distribution patterns of biomes.
* [**Earth Floor: Biomes**](http://www.cotf.edu/ete/modules/msese/earthsysflr/biomes.html) - A great site that covers many science objectives. The section on biomes describes how to read a climograph.
* [**Biomes**](http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/B/Biomes.html) - This web site includes a nice graphic of the globe and where different biomes can be found around the world. Provides factual information on biomes, also.
* [**World Biomes**](http://www.worldbiomes.com/) - This site covers the 5 major biomes of the world and has links to print resources and a printable biome map.
* [**Enchanted Learning: Biomes - Habitats**](http://www.enchantedlearning.com/biomes/) - This web site provides descriptions of the different biomes and gives examples of the type of weather, soil, plants, and animals found in each.
* [**Mission: Biomes**](http://earthobservatory.nasa.gov/Laboratory/Biome/) - This is a great site for those just learning about biomes and advanced learners. Each biome has a description and a mission to accomplish. Activities include vocabulary, graphing activities, and more.
* [**Biomes From A Student's Perspective**](http://ths.sps.lane.edu/biomes/index1.html) - This site includes biome web pages designed by ninth grade students.
* [**World Builders: Introduction to Biomes**](http://curriculum.calstatela.edu/courses/builders/lessons/less/biomes/introbiomes.htm) - A great site that provides much more than just the basic facts. This site includes information about food chains and the special effects of latitude and longitude.
* [**Eight Biomes of the World**](http://www.teachersfirst.com/lessons/biomes/biomes.html) - This site gives information about eight major biomes.
* [**Wetlands**](http://www.epa.gov/owow/wetlands/) - This site is sponsored by the U. S. Environmental Protection Agency and gives useful information about wetlands.
* [**More About Biomes**](http://mbgnet.mobot.org/) - A colorful site with lots of information.