

Biome Project - 7th Grade Life Science

Worth _____ points (___ test grades)

Project Due _____

Biomes of the World

Deserts	Grasslands
Tropical Rainforests	Temperate Rainforests
Taiga - Coniferous Forest	Tundra
Wetlands	Temperate Deciduous Forest

Directions:

1. Choose one biome from the table above and research a particular location in that biome.
2. Using 2 (or more) informational resources, create a project that includes all of the information listed on the research sheet.
3. All information is to be displayed as a 2-sided color brochure. Use MS Publisher or Microsoft word or www.mybrochuremaker.com
Your brochure should include color pictures, typed information, charts/graphs and a bibliography.

AND

You will construct a 3-Dimensional model (shoebox size) of your biome that displays the terrain, animal life, plant life, and natural resources available in that area.

4. Refer to the attached rubric to see how points are awarded.

* Important Requirements*

- _____ points per day will be deducted for late projects
- Refer to the Model Works Cited Entries (see attached) to complete your **bibliography**
- Limited class time will be allotted to researching information, so you will need to devote extra time at home to this project in order to finish on time.
- Library visits will be on _____, _____, _____,
- Writing Lab on _____, _____, _____
- BRING YOUR OWN FLASH DRIVE OR DISC!!!!

Research Sheet

1. Choose 1 biome and a particular location in that biome? Provide a labeled map.
2. Research your chosen location. Provide a color picture(s) and description of the type of plant life that grows in that region of your biome.
3. Provide a color picture(s) and description of the types of animal life that call that region of your biome home.
4. Describe the climate of that region of your biome. What is the average monthly precipitation? What is the average monthly temperatures (highs and lows)? Chart or graph your results.
5. Describe any major weather events that occur in your biome. (hurricanes, typhoon, tornados, monsoons, blizzards, droughts)
6. What natural resources are found in that region of your biome? (minerals, precious metals, oil, etc.)
7. Describe the human presence and its impact on your biome.
8. Describe any other unique characteristics of your biome, such as seasonal information.

Web Sites to Check Out

<http://oncampus.richmond.edu/academics/education/projects/webunits/biomes/>

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/B/Biomes.html>

<http://www.ucmp.berkeley.edu/exhibits/biomes/index.php>

<http://www.worldbiomes.com>

<http://www.mbgnet.net/>

<http://www.geog.ubc.ca/~ldaniels/biomes/explore/>

<http://nces.ed.gov/nceskids/createagraph/default.aspx>

Name _____

Date ___/___/___

Brochure Rubric

	<u>Worth</u>	<u>Earned</u>
Heading	10	_____
Labeled Map	15	_____
Color Pictures of Animal and Plant Life	15	_____
Typed Research	30	_____
Charts/Graphs	15	_____
Bibliography 2 or more resources	10	_____
Creativity	5	_____
	Total	_____

3 -D Model Rubric

	<u>Worth</u>	<u>Earned</u>
Terrain	25	_____
Plant Life	25	_____
Animal Life	25	_____
Natural Resources	10	_____
Neatness/ Creativity	10	_____
Rubric Returned	5	_____
	Total	_____

Model Works Cited Entries

One author	Allen, Thomas B. <u>Vanishing Wildlife of North America</u> . Washington. D.C.: National Geographic Society, 1974.
Two or three authors	Searles, Baird and Martin Last. <u>A Reader's Guide to Science Fiction</u> . New York: Facts on File, Inc., 1979.
More than three authors or editors	Brandes, Kathleen, et al., eds. <u>Vanishing Species</u> . New York: Time-Life. Books, 1976.
A single work from an anthology	Poe, Edgar Allen. "The Raven." <u>Selected Stories & Poems</u> . Ed. Joseph Wood Kruth. Danbury: Grolier Enterprises, 1978.
Encyclopedia article	Pettingill, Olin Sewall, Jr. "Falcon and Falconry." <u>World Book Encyclopedia</u> . 1980. <i>Note: If the article is followed by the author's initials, check in the index of authors (usually located in the front of each volume) for the author's full name. If it is unsigned, give the title first</i>
Signed article in a weekly	Kanfer, Stefan. "Heard Any Good Books Lately?" <u>Time</u> 21 July 1986: 71.
Unsigned article in a weekly	"America on Drugs." <u>Newsweek</u> 28 July 1986: 48-50.
Signed article in a monthly	Heinrich, Bernd. "Why Is l Robin's Egg Blue?" <u>Audubon</u> July 1986:64-71.
Signed newspaper article	Kalette, Denise. "California Town Counts Down to Big Quake." <u>USA Today</u> 21 July 1986, sec. A: 1.
Unsigned editorial or story	"A School Year Without a Strike." Editorial. <u>Chicago Tribune</u> 22 July 1986, sec. 1:10. <i>Note: For an unsigned story, simply omit Editorial.</i>
Signed pamphlet	Laird, Jean E. <u>The Metrics Are Coming</u> . Burlington, Iowa: National Research Bureau, 1976.
Filmstrips, slides, videos	<u>The Grizzlies</u> . Videotape. National Geographic Video, 1987. 60 mm.
Radio or TV	"Latch-Key Kids." <u>Hour Magazine</u> . CBS, 15 Nov. 1983.
Computer software	Julian, Judith L., and Marie D. Angelo. <u>Plot Lions</u> . Vers. 1.3. Computer software. Writing Software, Inc., 1990. PC-DOS 2.0. 256 KB, disk.
Computer information service	O'Connell, Loraine. "Busy Teens Feel the Beep." <u>Orlando Sentinel</u> 7 Jan. 1993: E1+. Rpt. in <u>Youth</u> , Vol.4. Ed. Eleanor C. Goldstein, Boca Raton, FL: Social Issues Resources Series, Inc., 1993. ART. 41. <i>Note: The above information is provided by the computer service.</i>
Portable Electronic database	"Washington, George." <u>Grolier Multimedia Encyclopedia</u> Vers. 8.0.3. CD-ROM. Danbury, CT: Grolier Electronics, 1996.
Online Database	"Middle Ages." <u>Academic American Encyclopedia</u> Online. Prodigy. 1 Nov. 1995.
Telnet	Jackson, Fred. Statistical Weather Data for Wisconsin, January 1966. [Online] Available telnet: weather.machine.umich.edu, Weather Data/January 1996/States/Zooms/Data/Wisconsin, 25 Feb. 1996
FTP Sources	Hess, Hannah. Networking in the Information Age. [Online] Available ftp:194.335.23.10, pub/:esearch/internet/network.txt, 5 Feb. 1996.
World Wide Web Sources	Yule, James. The Cold War Revisited: A Splintered Germany. [Online] Available http://usa.coldwar.server.gov/index/cold.war/countries/former.soviet.block/Germany/germany.html , 5 Mar. 1996.