

APES Biomes - Concept Map

Your task is to create an image (concept) map on a particular biome. The concept map should include terms and concepts related to the biome. Each group will have a different biome and must present the information to the class.

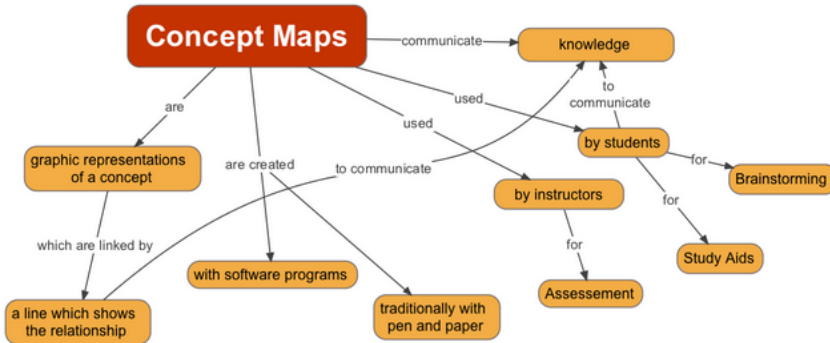


Image can be created using concept mapping software or hand drawn. Images must be included, either digital or cut from magazines (or printed).

Biomes

Tundra
 Coniferous Forest
 Temperate Deciduous Forest
 Tropical Rain Forest
 Grasslands (temperate, savanna)
 Desert

Instructions

1. Place your biome (choose 1 from the above list) as a center concept on your map.
2. Make four branches from the center point for each of the following categories: **animals, plants, climate, and interesting facts**.
3. Make sure to include LINKING TERMS on your concept map and details to connect the terms, ideas, vocabulary, images, etc.
4. Research your biome to include terms and ideas for each of those main categories and link them on your map. Include photos or other images where appropriate.

Additional Resources

Concept Mapping Programs:

Gliffy, Lucidchart,

Mindmap, Popplet

	Grading Rubric			
	Poor (1pt)	Satisfactory (2pts)	Good (3pts)	Excellent (4 pts)
Organization	Serious errors in organization, difficult to follow	Some lapses in organization that effect coherence and unity	Organization shows relations of terms, few lapses in organization but overall it is easy to read and understand	Well organized and logical in all areas, map is organized in such a way that concepts and links are easy to follow and understand
Ideas	Ideas are minimal, inappropriate or random	Ideas are somewhat random, minimal, or repetitious	shows well developed ideas (terms and concepts), enough to establish purpose of concept map	ideas are pertinent, extensive, establish purpose and show all elements of the topic
Connections	Concept map is mostly linear, with very few multiple connections to relate terms	concept map is mostly linear, but has some connections that link multiple ideas	concept map is presented as a web, terms are linked to multiple other terms	terms and concepts are linked in web form, showing multiple relationships between concepts and ideas
Knowledge	concept map shows very little overall knowledge of ecology and related terms	concept map shows some knowledge of ecology and related terms, gaps are evident	concept map shows a solid knowledge of ecology, and related terms, some minor gaps in knowledge, missing or misconnected terms	concept map shows extensive knowledge of Ecology - links show an excellent and comprehensive understanding of ecosystems and the interrelatedness of organisms and environment
Items	less than 10 concepts shown	10-14 items shown	15-19 items shown	20 or more items on concept map
				Total _____ out of 20