

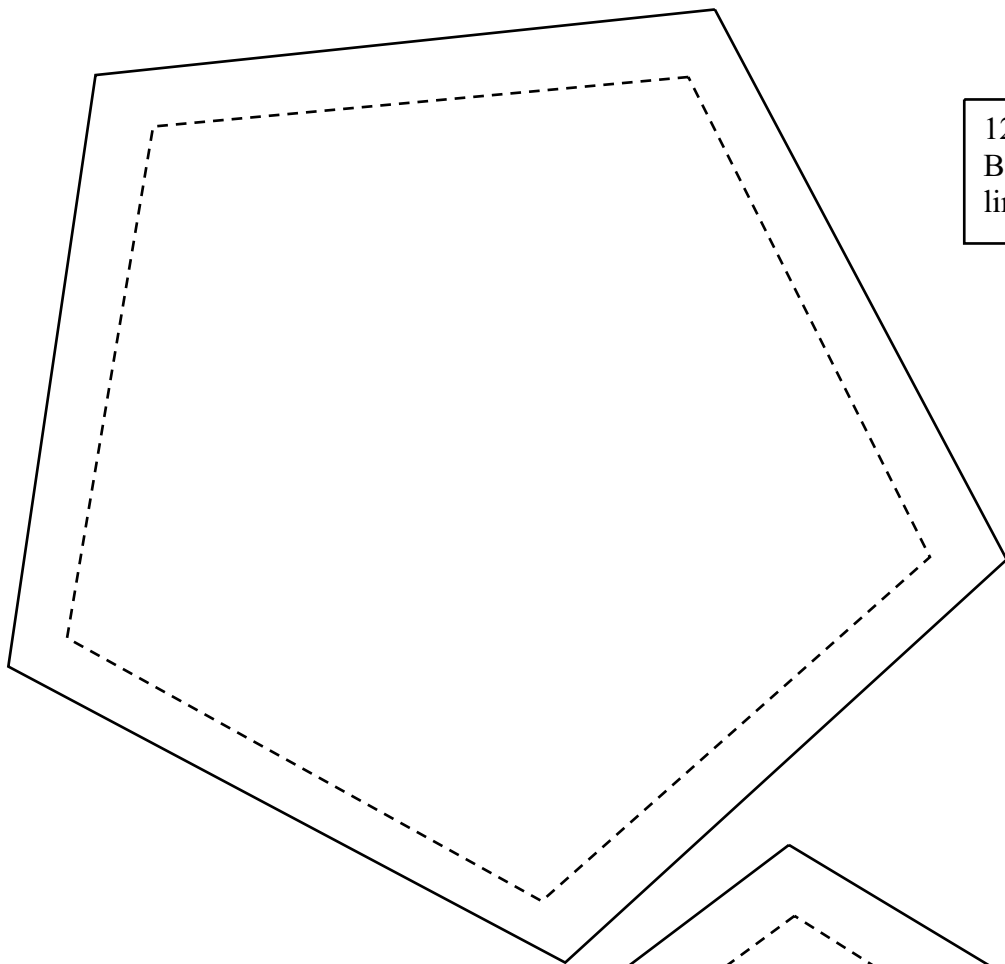
Biome Balls

Ecology is the study of the interactions of living organisms with one another and with their physical environment. For this assignment, you will be exploring a major biological system in order to see how the living organisms interact with their environment in order to make up our world. Each group will be given a specific biome to research and investigate so that you will be able to see how all of the components of our world work together to create this beautiful ecological system we live in.

Cut out 12 shapes: it will be easier to put the information on the shapes before you put the ball together.

Your Biome Ball is made of 12 sides; the sides should contain the following information:

- Side one: Definition of a biome
Name of your assigned biome.
- Side two: Definition of Habitat
Description of habitat within the biome for a critter that lives in your biome
- Side three: Definition of a food web and food chain
Picture of food web within your biome
- Side four: Definition of community
Picture of a community within your biome.
- Side five: Definition of population
Picture of a population within your biome
- Side six: Definition of niche
Description of an organisms' niche within your biome
- Side seven: Definition of an abiotic factor
List several abiotic factors within your biome
- Side eight: Definition of a biotic factor
Draw pictures of several biotic factors within your biome
- Side nine: map showing location of your biome
- Side ten: Describe the Human Impact on this biome that is altering the ecosystem
- Side eleven: Definition of an ecosystem
Description of this ecosystem, rain fall, climate, limiting factors, etc.
- Side twelve: Your names (all), Date, Class period



12 each (6 pages)
Bend at the dotted
line

