Welcome! Identify each of the following.

- Organism
- Population
- Community
- Abiotic Factor
World Biomes
Its where you live!
Biosphere

• The Earth contains:
  • Atmosphere
  • Surface
  • Hydrosphere

• A place that supports life
Biomes

• The Biosphere is divided into regions called Biomes.

• Occupied by communities or ecosystems of plants and animals that share adaptations which promote survival.
Biome Types

- Tundra
- Taiga
- Desert
- Grassland
- Temperate Forest
- Tropical Rainforest
- Aquatic
Tundra

• Characterized by permafrost
• Short growing season
• During the summer, the thawing topsoil supports a grassland type community
• Adaptations (Animals: White fur)
Taiga

• Winters are cold, and precipitation is in the form of snow.
• Are characterized by coniferous forests
• Stays green all year round
Desert

• Hot and dry.
• Soil is sandy and nutrient poor
• Growth of annual plants is limited

• Adaptations:
  • Water conserve
Grassland

• Large terrains of grasses, flowers and herbs.
• Annual amount of rain is relatively high.
Temperate Forest

- Experiences cold winters and hot summers
- Large trees
- Extends in different parts of the northern and southern hemisphere
- It is where we live
Tropical Rain Forest

- High Rainfall
- Highest level of biodiversity
- Hot temperature all year
Aquatic Biomes

**Fresh**
- Lakes, ponds, rivers
- Roughly 2% of the world’s water

**Salt**
- Oceans
- Divided into zones
  - Benthic (vegetation cannot grow)
  - Littoral - supports plant life
Project Due Monday 29\textsuperscript{th}

- Pick your own groups 3-4
- Choose a biome (1\textsuperscript{st} come first serve)

- Rubric
- 5-8 minutes
- List of key features (40 pts)
- Biotic and Abiotic factors (20 pts)
- Work cited (20 pts)
- Animations (10 pts)
- On task (10 pts)
Email ppt's or links to:

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5 min. to complete