**Biomes of the World – You Tube Video**

1. **Every living plant and animal on the earth depends on other living organisms to survive.**
2. **How these living things interact with the sun, air, water, and each other is called an Ecosystem.**
3. **Biome is a large group of similar ecosystems.**
4. **All biomes have similar plants, animals, and weather.**
5. **Marine biomes are made mostly of salt-water oceans and is the largest biome on Earth.**
6. **Marine biomes covers 70% of the Earth’s surface and is home to more than 230,000 known species of plants and animals.**
7. **The Marine Biomes is home to fish, sharks, octopus, seahorses, dolphins, manatees, seals, whales, including the Blue whale which is believed to be the largest animal that has ever lived on the earth.**
8. **Ocean plants are extremely important because they provide more than 1/2 of the oxygen on earth.**
9. **Ocean plants include: algae, kelp, seaweed, and phytoplankton.**

**10 Coral Reefs found in the ocean are a small biomes but 25% of the known marine species (life) are found there.**

**11 Coral Reefs are built up over thousands of years by tiny animals called polyps**

**12 Polyps depend on energy from algae that lives inside of them.**

**13 Since Algae is a plant they need sunlight to create food.**

**14 Freshwater biomes contain little or no salt and include animals such as fish, frogs, alligators, snakes, otters, turtles, and beavers**

**15 There are 3 main types of freshwater biomes.**

**16 They include: ponds & lakes which have still (standing) water, streams & rivers which have moving (flowing) water, and wetlands which are a combination of land and water.**

**17. The Polar Ice caps are harsh places to live and plants cannot grow on the Ice, so most life in this biome is animal.**

**18. South of the Arctic lies the Tundra**

**19. The Tundra has an average temperature of 7⁰F or a -7⁰C, with only 2 seasons – a long dark winter and a short summer.**

**20. The Tundra has a permanently frozen ground called a permafrost.**

**21. Evergreen (fir) trees do not drop their leaves.**

**22. Deciduous trees DO DROP their leaves helping to make the soil rich in nutrients.**

**23. A Grassland does not have enough rainfall to support Trees but too much rainfall to be a desert.**

**24. In hotter climates we find Tropical Rain- Forests and are close to the equator.**

**25. Tropical Rainforest have the greatest Biodiversity that is the greatest number of plant and animal species of any land biome in the world.**

**26. The Tropical Rainforest is an important producer of oxygen for the world and about 1/2 of the world’s plant and animal species, plus many medicines come from there.**

**27. The Deserts are dry. Some are hot and some are cold (Tundra).**