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**Climate Change Vocabulary - Chapters 11 and 18**

**Directions:** You may draw a picture with labels, write a metaphor, and/or complete your own one sentence definition for each of the vocabulary terms.

Natural Resource:

Renewable Energy:

Biomass (Description & Formation):

Ethanol (Description & Formation):

Hydroelectric (Description & Formation):

Geothermal (Description & Formation):

Tidal Power (Description & Formation):

Photovoltaic Cells (Description & Formation):

Wind Turbines (Description & Formation):

Fuel Cell (Description & Formation):

Nonrenewable Energy:

Fossil Fuel:

Coal (Description & Formation):

Petroleum (oil) (Description & Formation):

Natural gas (Description & Formation):

Nuclear Energy:

Fusion (Hydrogen) (Description & Formation):

Fission (U-235) (Description & Formation):

Green Technology:

Energy Efficiency:

Energy Conservation:

Sustainable Energy:

Carbon Cycle:

Oceans as CO2 Sink /Reservoir:

Greenhouse Effect:

Greenhouse Gases (H2O, N2O, CO2, CH4):

Global Warming:

Explain the difference between climate and weather:

Climate Zone/Region:

Polar Ice Caps:

Climate Change:

**Cause of short term climate change**

Major Volcanic Eruptions:

Changes in sun’s energy -Sunspots:

Meteor/Comet Impact:

El Nino:

La Nina:

Tilt of Earth (Seasons):

**Cause of long-term climate change**

Earth’s axis/orbit leading to Ice age:

Continental Drift:

Paleological Proxy Climate Data:

Ice Cores:

Tree Rings:

Corals:

Oxygen Isotope Data:

Thermohaline Circulation:

Gulf Stream:

Jet Stream:

Ozone Layer:

Ozone Hole/Depletion:

Chlorofluorocarbons (CFC’s):

Coral Reef:

Coral Bleaching:

Antarctica:

Greenland Ice Sheet:

Artic Sea Ice:

Glacier:

Glacial Calving:

Emissions:

High/Low Albedo:

Reflective Nature of Clouds:

Infrared (thermal) Radiation:

Ultraviolet Radiation:

Conservation:

Recycling: