Sc 10 Lab: Getting to know the 8 Biomes

Name:_____

Purpose: To observe the biotic and abiotic components that characterize the 8 biomes of the world.

Procedures:

1. Using page 10 of your data booklet, draw and colour in the 8 biomes of the world on the blank world map.
2. Visit the stations around the room and fill in information in the table below listing the biotic and abiotic components of each biome.

Data and Observations:

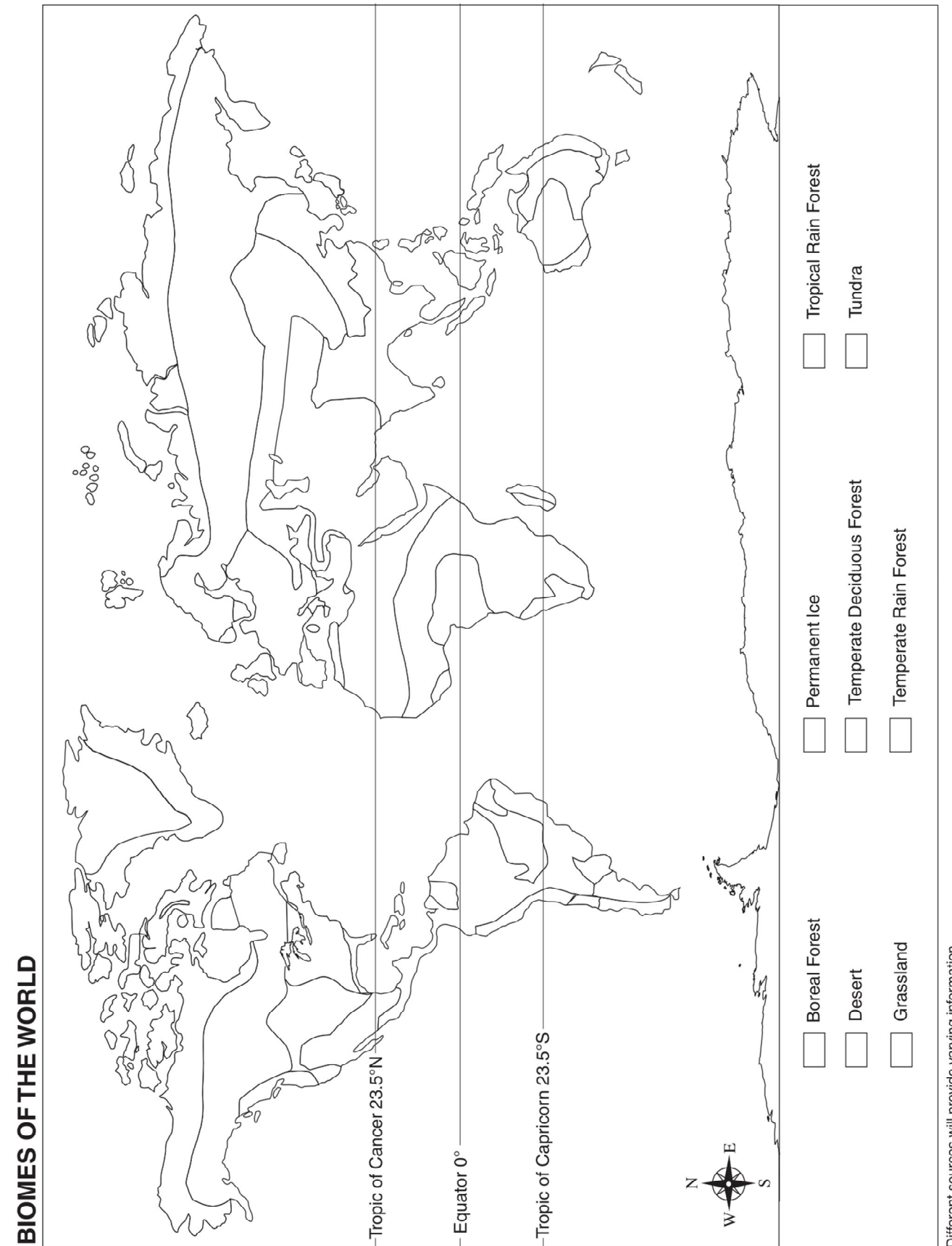| Biome	Location	Climate, Temp range, Precipitation	Physical Features	Some Plant Adaptations	Some Animal Adaptations

Question:

1.   Label the biome that best fits the following descriptions:

_____a.   distinct seasons, moderate climate

_____b.   permafrost

_____c.   Douglas fir, moss, lichen

_____d.   Many layers of trees and plants but light gets through

_____e.   Great biodiversity, many layers of trees but light does not get through

_____f.   Fleshy, spiny cacti

_____g.   Coniferous forest

_____h.   Very strong winds and little soil

_____i.   Eastern Canada, large changes between summer and winter

_____j.   Coastal B.C, tall trees

_____k.   No trees, Northern Canada

_____l.   Shallow lakes and wetlands to hold vast amounts of water

_____m.   Prairies, rich fertile soil, grazing animals

_____n.   Largest number of plant and animal species but few large mammals

_____o.   Heavy rainfall for short periods or severe drought

2.   Name a location that would be an example of each biome:

Boreal Forest: _____

Desert: _____

Grassland: _____

Permanent Ice: _____

Temperate Deciduous Forest: _____

Temperate Rainforest: _____

Tropical Rainforest: _____

Tundra: _____

BIOMES OF THE WORLD

Tropic of Cancer 23.5°N
Equator 0°
Tropic of Capricorn 23.5°S

Permanent Ice
Temperate Deciduous Forest
Temperate Rain Forest

Tropical Rain Forest
Tundra

Boreal Forest
Desert
Grassland

Different sources will provide varying information.