Biomes and Succession Review

Succession –

Primary Succession –

Secondary Succession –

Climax Community –

Pioneer Species –

Opportunistic Species –

Biotic Factor –

Abiotic Factor –

Niche –

Seed Distribution -

Mutualism –

Parasitism –

Commensalism –

Biodiversity –

Dichotomous Key -

Limiting Factor –

Adaptation –

Tundra –

Tropical Rainforest –

Deciduous Forest –

Coniferous Forest –

Desert –

Grassland –

What is the niche of a decomposer in any ecosystem? Explain.

What stage in succession does the climax community occur? Explain how and why.

Give 5 examples of limiting factors and explain why they are limiting factors.

When a volcano erupts, what type of what types of things grow first? What is this process called? Be specific.

Give 3 examples of ecological succession that you might see in McKinney.

Give 3 examples of commensalism and explain why each is considered commensalism.

Give 3 examples of parasitism and explain why each is considered parasitism.

Give 3 examples of mutualism and explain why each is considered mutualism.

Give 3 examples of seed distribution.

How does biodiversity contribute to sustainability of an ecosystem?

Which of the biomes can support the largest variety of species and why? The least variety of species and why?

What three biomes make up Texas? Which two biomes does McKinney boarder?

Name 5 natural resources and list them in order that they may be depleted first. Explain why each will be depleted in that order.

Name 5 traits of a polar bear that are influenced by its environment.

When droughts take place in Texas, plants die. During a drought, what may happen to certain fish and other animal populations?

How does commercial harvesting (catching fish to sell) affect fish populations in the ocean?

How can relative precipitation levels be shown by looking at the rings of a tree?

In science, what tool do we use to measure mass?

In science, what tool do we use to measure volume?

In science, what tool do we use to measure length?

In your own words, explain the data table below. Be very specific.

Locations in the Schoolyard					
	1	2	3	4	5
Ground cover	Grass and other plants	Asphalt	Gravel	Trees and grass	Asphalt
Sun/shade	Sun	Shade	Sun	Shade	Sun
Average temperature	25.5 C	28.9 C	38.6 C	22.4 C	39.2 C