**Soils Review Sheet**

Soil structure and function

 What is soil made up of

 identify what is biotic and what is abiotic in soil

 Draw and label a diagram of the inputs and outputs of the soil system as it interacts with the atmosphere

 List the steps of soil formation starting from parent rock.

 Include chemical and mechanical weathering.

 Know how to read the soil texture chart

 What is the ideal soil for farming and why

 What does arable mean?

 Name 2 differences between sand, clay, silt, and loam

 What is a soil horizon and why is it important





Know the order of the horizons and which type of soil profile you would find in the desert, the forest, and the grasslands.

Farming

 Be able to discuss the ways we degrade soil and conversation methods for each

1. Erosion
2. Toxification
3. Salinization

Know the difference between subsistence farming and commercial farming. Be able to name inputs and outputs for each system

Meat consumption and food waste

 Which countries eat the most meat?

 Using and ecological pyramid, discuss why eating at a lower trophic level is more efficient.

Why is food wasted in More Economically Developed Countries?

Why is food wasted in Less Economically Developed Countries?

What are some solutions to preventing food waste?