Animal Structure and Function – Learning Targets

**Big Idea**

Organ systems of the human body have specific structures and functions that work together to maintain homeostasis and prevent disease. Technological advances in health care are driven in part by the changing needs of society.

**Essential Questions**

How can we promote homeostasis?

How can we support prevention medicine?

Should human patterns of behaviour, change to promote global health?

Case Studies Review

**Learning Targets**

1. I can describe how the human body is organized and maintains homeostasis.
2. I can describe how the structures and functions of specific systems in the body work together to maintain homeostasis.

a) in the digestive system

b) in the circulatory system

c) in the respiratory system

1. I can compare the nutritional value of macromolecules and analyze how the current Canadian Food Guide supports human health.
2. I can defend how various illnesses/disorders can affect homeostasis in the body and how they can be prevented.
3. I can defend how understanding pig anatomy can lead to improved human health.
4. I can analyze and conclude how advances in technology can support human health through changing societal needs.