

Unit 01: Endocrine System

Content Area: **Health & PE**
Course(s): **Health 1**
Time Period: **Generic Time Period**
Length: **5 weeks**
Status: **Published**

Unit Introduction

As the 9th grader works through the teen years to maturity, numerous physical and emotional changes will take place. This unit will address the role that the endocrine system plays in regulating hormone secretion, how it affects your health and how it triggers bodily changes during adolescence and adulthood. This unit will explore when something goes wrong with this vital network of glands, you could end up with diabetes, a growth disorder or other serious problems.

Standards

HPE.2.1.12.A.1	Analyze the role of personal responsibility in maintaining and enhancing personal, family, community, and global wellness.
HPE.2.1.12.A.2	Debate the social and ethical implications of the availability and use of technology and medical advances to support wellness.
HPE.2.1.12.B.1	Determine the relationship of nutrition and physical activity to weight loss, weight gain, and weight maintenance.
HPE.2.1.12.C.1	Determine diseases and health conditions that may occur during one's lifespan and identify prevention and treatment strategies.
HPE.2.2.12.B.1	Predict the short- and long-term consequences of good and poor decision-making on oneself, friends, family, and others.

Essential Questions

How do hormones affect the homeostasis of the body?

Content / Skills

- Text: Bronson, Mary, H. (2015). Glencoe Health. McGraw-Hill Education, Columbus, OH. Ch 16 Lesson 1
- Powerpoint, "The Endocrine System"
- Endocrine Diagram Handout
- Endocrine Report
- Endocrine Report Rubric
- Endocrine Project

- Endocrine Project Rubric
- Discover Channel Body Story Episode 4 "Teen Dreams"
- National Geographic "The Science of Gigantism" DVD
- The Doctors - How to check your thyroid