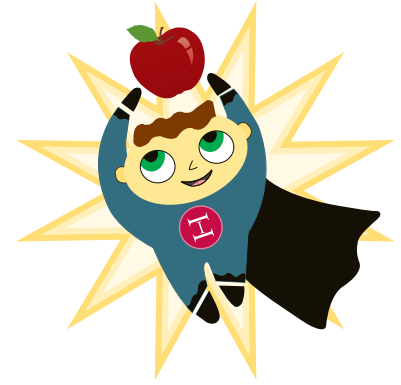




Administrivia



Intended Grade Level: 3rd



Key Concepts:

early education of diabetes, healthy living choices

Previous Learning Assumed:

human body as a system, healthy and unhealthy living style consequences

Process Skills Utilized in Activity:

Observing the body as a system and how it utilizes glucose; identify warning symptoms of pre-diabetes or diabetes; identify two types of diabetes; practicing good choices in living with or preventing diabetes.

Science TEKS

Elementary Health

5.2 (A)

(2) Health information. The student recognizes the basic structures and functions of the human body and how they relate to personal health throughout the life span. The student is expected to:

- (A) Describe the structure, functions, and interdependence of major body systems.

Middle School Health

6.1 (A, B)

(1) Health information. The student comprehends ways to enhance and maintain personal health throughout the life span. The student is expected to:

- (A) Analyze healthy and unhealthy dietary practices.
- (B) Explain the importance of a personal dietary and exercise plan.

7-8.4 (B, C)

(4) Health information. The student knows how to research, access, analyze, and use health information. The student is expected to:

- (B) Develop evaluation criteria for health information.
- (C) Demonstrate ways to use health information to help self and others

Middle School Science

6.12 (A)

(12) Organisms and environments. The student knows all organisms are classified into Domains and Kingdoms. Organisms within these taxonomic groups share similar characteristics which allow them to interact with the living and nonliving parts of their ecosystem. The student is expected to:

- (A) Understand that all organisms are composed of one or more cells.

7.6 (B, C)

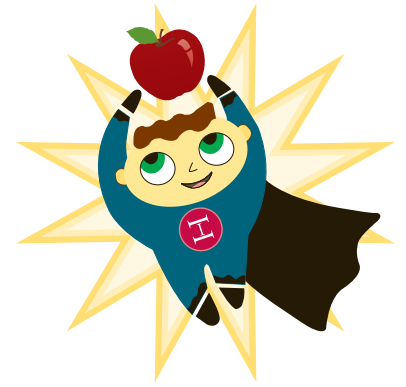
(6) Matter and energy. The student knows that matter has physical and chemical properties and can undergo physical and chemical changes. The student is expected to:

- (B) Distinguish between physical and chemical changes in matter in the digestive system.
- (C) Recognize how large molecules are broken down into smaller molecules such as carbohydrates can be broken down into sugars.

TEKS

TEACHER SECTION
INSULIN, OUR HERO





Resources

American Diabetes Association (2009). *Diabetes basics*. Retrieved from

Kids learn about diabetes. (2009). Retrieved from

Living with type 1 diabetes. (2009). Retrieved from
<http://healthlibrary.epnet.com>

McDowell, Joan, & Gordon, Derek(1996). *Diabetes, caring for patients in the community*. New York, N.Y.: Churchill Livingstone.

***Key Words for Webpage:**

diabetes, pre-diabetes, glucose, insulin, Type 1 diabetes, Type 2 diabetes

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INSULIN, OUR HERO