

Tennessee Education Curriculum Standards

HEALTH, WELLNESS AND PHYSICAL EDUCATION

5th grade through 8th grade Health Education

Standard 1 The student will demonstrate the ability to implement decision making and goal setting skills to promote his/her personal health and wellness, thereby enhancing quality of life for himself/herself and those around him/her.

Learning Expectations In this exhibit, students can:

- 1.1 analyze the effectiveness of personal decision-making as it relates to future health and wellness outcomes;
- 1.3 determine how setting healthy living goals can promote lifetime wellness;
- 1.5 identify choices and examine alternatives and consequences of each choice when making decisions as it relates to healthy living;

Standard 3 The student will understand the role of body systems as related to healthy living.

Learning Expectations In this exhibit, students can:

- 3.1 describe and explain the basic body systems and their functions;
- 3.2 analyze and explain the impact of personal health behaviors on the functioning of human body systems.

Standard 13 The student will understand appropriate and inappropriate uses of chemical substances and the effects of substance use and abuse.

Learning Expectations In this exhibit, students can:

- 13.1 distinguish between appropriate use and misuse of chemical substances for healthy living;
- 13.3 identify how substance (e.g. tobacco, alcohol, and drugs) use and abuse affects people physically, emotionally, socially, financially, and legally;
- 13.4 explain how choices relate to consequences;

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9th grade through 12th grade Lifetime Wellness

Standard Disease Prevention and Control

Learning Expectations In this exhibit, students can:

Identify the causes, signs and symptoms, treatments and prevention of communicable and non-communicable diseases related to total wellness and health maintenance.

Standard Substance Use and Abuse

Learning Expectations In this exhibit, students can:

Differentiate appropriate and inappropriate use of chemical substances.

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BIOLOGICAL SCIENCE

9th grade through 12th grade Anatomy & Physiology

Standard 1 Anatomical Orientation

Learning Expectations In this exhibit, students can:

- CLE 3251.1.2 Investigate the interrelationship between the structures and functions of the body systems.
- CLE 3251.1.3 Investigate the body cavities, the subdivisions of each cavity, and the organs within each area.
- CLE 3251.1.4 Use correct anatomical terminology when discussing body structures, sections, and regions.

Standard 2 Protection, Support and Movement

Learning Expectations In this exhibit, students can:

- CLE 3251.2.1 Identify structures of the integumentary, skeletal, and muscular systems and show the relationship between these structures and their functions.
- CLE 3251.2.2 Investigate physiological mechanisms that allow the integumentary, skeletal, and muscular systems to function.

Standard 3 Integration and Regulation

Learning Expectations In this exhibit, students can:

- CLE 3251.3.1 Compare and contrast the anatomy and physiology of the central and peripheral nervous systems.
- CLE 3251.3.5 Identify the major organs of the endocrine system and the associated hormonal production and regulation.

Standard 4 Transport

Learning Expectations In this exhibit, students can:

- CLE 3251.4.2 Explore the anatomy of the heart and describe the pathway of blood through this organ.

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- CLE 3251.4.4 Describe the relationship between the structure and function of different types of blood vessels.
- CLE 3251.4.6 Identify the structures of the lymphatic system

Standard 5 Absorption and Excretion

Learning Expectations In this exhibit, students can:

- CLE 3251.5.1 Identify organs of the digestive and urinary systems and describe their functions.
- CLE 3251.5.4 Explain how the kidneys function to remove wastes from the blood

Standard 5 Reproduction, Growth and Development

Learning Expectations In this exhibit, students can:

- CLE 3251.6.1 Identify the essential and accessory organs of the male and female reproductive systems and describe their functions.
- CLE 3251.6.3 Summarize the principal events that occur during prenatal development.