

Introduction to Medical Professions Extended: Grades 9, 10, 11, 12

Adopted 2004

Medical Terminology

A001. Define terms related to medical terminology [A001](#)

A002. Define basic medical abbreviations [A002](#)

A003. Explore commonly used prefixes [A003](#)

A004. Explore commonly used suffixes [A004](#)

A005. Explore commonly used word roots [A005](#)

Medical Math

B001. Define terms related to medical math [B001](#)

B002. Explore systems of measurement used in the health care profession [B002](#)

B003. Know metric units of measurement used to determine length, weight, and volume [B003](#)

B004. Know standard (English) units of measurement used to determine length, weight, and volume [B004](#)

B005. Know metric abbreviations and their units of measurement [B005](#)

B006. Know standard abbreviations and their units of measurement [B006](#)

B007. Know apothecary abbreviations and their units of measurement [B007](#)

B008. Know metric, standard, and apothecaries' approximate equivalents [B008](#)

B009. Understand the process of converting from one unit to another within the same system of measurement [B009](#)

B010. Understand the process of converting units of measure from one system of measurement to another system of measurement [B010](#)

B011. Understand the Roman numeric system [B011](#)

Nutrition and Health

- C001. Define terms related to nutrition and health** C001

- C002. Discuss the effect of nutrition on health** C002

- C003. Explore diseases or health problems that can be prevented by good nutrition** C003

- C004. Match essential nutrients to their functions** C004

- C005. Discuss sources of nutrients** C005

- C006. Differentiate between simple and complex carbohydrates** C006

- C007. Differentiate between saturated and unsaturated fats** C007

- C008. Discuss functions and sources of cholesterol** C008

- C009. Differentiate between complete and incomplete proteins** C009

- C010. Differentiate between water-soluble and fat-soluble vitamins** C010

- C011. Discuss minerals** C011

- C012. Discuss the importance of water in the diet** C012

- C013. Understand the processes of digestion, absorption, and metabolism** C013

- C014. Understand the basal metabolic rate (BMR)** C014

- C015. Explore the food pyramid** C015

- C016. Discuss guidelines regarding calorie needs** C016

- C017. Explore various therapeutic diets and their purposes** C017

Human Growth and Development

- D001. Define terms related to human growth and development** D001

- D002. Understand the types of development** D002

- D003. Understand the stages in the life cycle** D003

- D004. Explore the physical, mental, emotional, and social development in each stage of the life cycle** D004

- D005. Explore the developmental tasks that occur in each stage of the life cycle** D005

- D006. Understand the stages in accepting death** D006

- D007. Understand Abraham Maslow's hierarchy of human needs** D007

D008. Understand Erik Erikson's theory of personality development D008

D009. Understand the various defense mechanisms D009

Classification of Disease

E001. Define terms related to classification of disease E001

E002. Discuss possible causes of disease E002

E003. Discuss signs and symptoms of disease E003

E004. Differentiate between acute and chronic disease E004

E005. Discuss major conditions or illnesses that can affect the functioning of the body E005

E006. Explore diagnostic procedures E006

E007. Understand the body's defense against disease E007

E008. Discuss common microorganisms E008

E009. Understand the infectious disease process E009
