



Reavis High School

Medical Terminology Curriculum Snapshot



Unit 1: Basic Word Structure

4 Days	Students will analyze words by dividing them into component parts and will utilize suffixes and prefixes and use these to build medical words.
-----------	--



Unit 2: Terms Pertaining to the Body as a Whole

4 Days	Students will define terms that apply to the structural organization of the body. They will identify the body cavities and recognize the organs contained within those cavities. In addition, they will locate and identify the anatomical and clinical divisions of the abdomen and back. Finally, they will become acquainted with terms that describe positions, directions, and planes of the body.
-----------	---



Unit 3: Suffixes

3 Days	Students will define new suffixes and review those presented in previous chapters. They will also name and know the functions of different types of blood cells in the body.
-----------	--



Unit 4: Prefixes

3
Days

Students will analyze medical terms that combine prefixes and other word elements.



Units 5 and 6: Digestive System

6
Days

Students will define combining forms for organs and the meaning of related terminology using these word parts. They will also describe disease processes and symptoms that affect these organs. Finally, they will list and explain laboratory tests and clinical procedures common to the digestive system.



Unit 7: Urinary System

3
Days

Students will name the organs of the urinary system and describe their locations and functions. They will define combining forms, prefixes, and suffixes of the urinary system's terminology. Finally, they will list the various pathologic conditions and explain some clinical procedures/tests that pertain to the urinary system.



Unit 8: Female Reproductive System

3
Days

Students will name the organs of the female reproductive system, their locations, and their combining forms. They will also explain how these organs and their hormones function in the processes of menstruation and pregnancy. Finally, they will identify abnormal conditions of the female reproductive system and explain the important laboratory tests and clinical procedures related to gynecology and obstetrics.



Unit 9: Male Reproductive System

3
Days

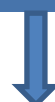
Students will name, locate, and describe the functions of the organs of the male reproductive system. They will also define the many combining forms used to describe the structures, some abnormal and pathological conditions. Finally, they will differentiate among several types of sexually transmitted infections and explain various laboratory tests and clinical procedures in this system.



Unit 10: Nervous System and Psychiatry

4
Days

Students will name, locate, and describe the functions of the major organs and parts of the nervous system. They will define several pathological conditions and describe laboratory tests and clinical procedures pertaining to the nervous system. They will recognize the combining forms and make terms using them with new and familiar suffixes. Finally, they will differentiate between a psychiatrist, a psychologist, and other mental health specialists and define terms that describe psychiatric symptoms and disorders.



Unit 11: Cardiovascular System and Blood System

8
Days

Students will name the parts of the heart and associated blood vessels and their functions in the circulation of blood. They will recognize the meaning of many lab tests and clinical procedures pertaining to the cardiovascular system and define combining forms that relate to this system. Finally, they will list the meaning of major pathologic conditions affecting the heart and blood vessels. BLOOD SYSTEM: Students will identify terms relating to the composition, formation, and function of blood and build words and recognize combining forms used in the blood system terminology. They will describe various pathological conditions affecting blood and differentiate among various lab tests and clinical procedures in the blood system.



Unit 12: Lymphatic and Immune System

3
Days

Students will identify the structures and analyze terms related to the lymphatic system and recognize terms that describe various pathological conditions affecting the lymphatic and immune systems. Finally, they will identify lab tests and clinical procedures that are pertinent to this system.



Unit 13: Respiratory System

3
Days

Students will name the organs of the respiratory system and describe their location and function and also recognize medical terms that pertain to respiration. They will identify various pathological conditions, clinical procedures, and apply new knowledge to understanding medical terms.



Unit 14: Musculoskeletal System

8
Days

Students will define terms relating to the structure and function of bones, joints, and muscles and describe the process of bone formation and growth. They will analyze the combining forms, prefixes, and suffixes used to describe bones, joints, and muscles. Finally, they will explain various musculoskeletal diseases and identify important lab tests and clinical procedures relating to this system.



Unit 15: Skin and Sense Organs - Eye and Ear

6
Days

Students will identify the layers of the skin and the accessory structures associated with the skin. They will build medical words using the combining forms that are related to the specialty of dermatology. Also, they will describe lesions, symptoms, and pathological conditions, lab tests, and clinical procedures pertaining to the skin. SENSE ORGANS: Students will identify locations and functions of the major parts of the eye and ear. They will also name the combining forms, prefixes, and suffixes and describe the pathological conditions that may affect the eye and ear. Finally, they will identify clinical procedures that pertain to ophthalmology and otology.



Unit 16: Endocrine System and Pharmacology

4
Days

Students will identify the endocrine glands and their hormones and functions and analyze medical terms related to the system. They will describe the abnormal conditions resulting from excessive and deficient secretions of the endocrine glands, and identify lab tests and clinical procedures related to endocrinology. PHARMACOLOGY: Students will define medical terms using combining forms, prefixes, and suffixes that relate to pharmacology.



Unit 17: Oncology, Radiology, and Nuclear Medicine

4
Days

Students will list medical terms that describe the growth and spread of tumors and become familiar with terms related to the causes, diagnosis, and treatment of cancer. They will recognize how tumors are classified and described by pathologists and also understand the x-ray, lab tests, and procedures used by physicians for determining the presence and staging of tumors. **RADIOLOGY:** Students will recognize diagnostic techniques used by radiologists and nuclear physicians and identify the x-ray views and patient positions. Finally, they will list medical terms used in the specialties of radiology and nuclear medicine.