

# UNIT 12 - REPRODUCTIVE SYSTEM

## STANDARDS AND OBJECTIVES

### STANDARD

**12 Students will describe the structures and functions associated with the reproductive system.**

### OBJECTIVES

- 12.01 Identify the general functions of the reproductive system.
- 12.02 Describe the anatomy of the male genitalia.
- 12.03 Identify the function of the testes.
- 12.04 Identify the functions of testosterone in the male.
- 12.05 Describe the anatomy of the female reproductive structures.
- 12.06 Identify the functions of the ovaries.
- 12.07 Identify the structures and functions of the uterine (Fallopian) tubes, including fimbriae and infundibulum.
- 12.08 Describe the structures and function of the uterus.  
(perimetrium, myometrium, endometrium, fundus, cervix)
- 12.09 Define the menstrual cycle including the ovarian and uterine cycles and changes that occur during menopause.
- 12.10 Describe the physiological effects of estrogens, progesterone and relaxin.
- 12.11 Contrast the general outcomes of spermatogenesis vs. oogenesis.
- 12.12 Define the following sequence of events that occur during human development.  
(fertilization, zygote, implantation, embryo, fetus)
- 12.13 Identify the principle events associated with the three stages of labor.  
(Stage 1 - dilation and effacement, Stage 2 - delivery and birth, Stage 3 - placental expulsion)
- 12.14 Identify the following diseases or disorders of the reproductive system.  
(reproductive cancers [breast, testicular, cervical, ovarian, prostate], endometriosis, impotence, Sexually Transmitted Infections – STI's [gonorrhea, syphilis, genital herpes, chlamydia, trichomoniasis, genital warts, HPV [Human Papilloma Virus])