Learning Targets:

Endocrine and Reproductive Systems

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| I can: | Vocabulary |
| 1. Identify the main structures and understand their functions in the human endocrine system.
2. Identify the main structures and understand their functions in the human reproductive system.
3. Explain how an organism’s internal structures are adapted to allow specific functions.
4. Explain the levels of organization in the human body.
5. Compare the functions of a cell to the functions of the endocrine system.
6. Compare the functions of a cell to the functions of the reproductive system.
7. Demonstrate my understanding of the complementary nature of the endocrine system to other systems and the whole organism.
8. Demonstrate my understanding of the complementary nature of the reproductive system to other systems and the whole organism.
9. Explain the process of homeostasis and give an example from the endocrine system.
10. Explain the process of homeostasis and give an example from the reproductive system.
11. Explain stages of human growth.
 | * hormone
* gland
* target cell or tissue
* metabolism
* homeostasis
* hypothalamus
* fight or flight
* pineal
* melatonin
* pituitary
* master gland
* endocrine system
* thyroid
* parathyroid
* parathyroid hormone (PTH)
* thymus
* sternum
* T-cells
* stimulus
* internal stimulus
* response
* negative feedback
* adrenal
* adrenaline
* pancreas
* insulin
* Islets of Langerhans
* glucagon
* glycogen
 | * reproduction
* testosterone
* testis/testes
* progesterone
* estrogen
* ovary
* egg
* ovulation
* uterus
* vagina
* amniotic sac
* placenta
* umbilical cord
* urethra
* penis
* scrotum
* sperm
* semen
* fertilization
* zygote
* chromosome
* embryo
* fetus
* puberty
* adolescence
* cervix
* menstruation
* menstrual cycle
* identical twins
* fraternal twins
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| TEKS7.10 The student knows that there is a relationship between organisms and the environment.7.12 The student knows that living systems at all levels of organization demonstrate the complementary nature of structure and function.712B The student can identify the main functions of the endocrine and reproductive systems in humans.7.12C The student recognizes levels of organization in plants and animals, including cells, tissues, organs, organ systems, and organisms.7.13 The student knows that living organisms must be able to maintain balance in stable internal conditions in response to external and internal stimuli. |