Plants and Body Systems Unit 11 – Expectation Sheet

Test Date:
Tuesday
3/31/20

I CAN –

- ☐ 1. Describe how the root and shoot system work together to transport material around the plant. (10B)
- ☐ 2. Explain the function and identify the location of the guard cells, stomata, xylem and phloem. (10B)
- ☐ 3. Describe how the parts of the flower work together for plant sexual reproduction. (10B)
- ☐ 4. Explain and describe how hormones in plants elicit a specific response within the plant. (10B)
- ☐ 5. Describe how plants can respond to different stimuli and define geotropism or gravitropism, phototropism, and thigmotropism. (10B)
- ☐ 6. Explain photosynthesis and cellular respiration (9B)
- ☐ 7. List the levels of organization in an organism from smallest to largest. (10C)
- ☐ 8. Describe the interactions that occur among systems that perform different functions in the body. (10A)
- ☐ 9. Describe how carbon cycles through the ecosystem and how a disruption could impact the cycle of carbon. (12D)
- ☐ 10. Describe how nitrogen cycles through the ecosystem and how a disruption could impact the cycle of nitrogen. (12D)
- ☐ 11. Describe how microorganisms can be helpful and harmful to the health of animals. (11A)

WORDS TO KNOW

Stomata	Guard cells	Vascular	Homeostasis	Tropisms
Xylem	Phloem	Root system	Shoot system	Cuticle
Transpiration	Flower parts	Hormones	Microorganism	Respiratory system
Nervous system	Immune system	Muscular system	Skeletal system	Reproductive system
Lymphatic system	Integumentary system	Endocrine system	Circulatory system	Excretory system

Calendar

Monday 3/16	Tuesday 3/17	Wednesday 3/18	Thursday 3/19	Friday 3/20
Topic: Plants **Activities:** Pre-Assessment Plant structures and functions **By the end of the period I can:** 1, 2, 3, 6	**Topic:** Plants **Activities:** Plant Parts & Structure Flower/Reproduction **By the end of the period I can:** 1, 2, 3, 4, 5, 6	**Late Arrival Day** **Topic:** Plants **Activities:** Transport in plants – lab stations **By the end of the period I can:** 1, 2, 3, 4, 5, 6	**Topic:** Plants **Activities:** Parts & Reproduction Practice **By the end of the period I can:** 1, 2, 3, 4, 5, 6 **HEART DAY!**	**Topic:** Animal Systems **Activities:** Transport in plants – lab stations **By the end of the period I can:** 1, 2, 3, 4, 5, 6
Monday **3/23**	**Tuesday** **3/24**	**Wednesday** **3/25**	**Thursday** **3/26**	**Friday** **3/27**
Topic: Animal systems **Activities:** Body Systems Intro **By the end of the period I can:** 7, 8,	**Topic:** Animal systems **Activities:** Interaction activity Game **By the end of the period I can:** 7, 8, 9, 10, 11	**Topic:** Viruses **Activities:** Body Systems Intro **By the end of the period I can:** 7, 8, 9, 10, 11	**Topic:** Viruses **Activities:** Cycles and Microorganisms **By the end of the period I can:** 9, 10, 11	**Topic:** Viruses **Activities:** Cycles and Microorganisms **By the end of the period I can:** 9, 10, 11
Monday **3/30**	**Tuesday** **3/31**	**Wednesday** **4/1**	**Thursday** **4/2**	**Friday** **4/3**
Topic: Review **Activities:** Review **By the end of the period I can:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	**Plants & Body Systems Exam**			

**** This is a tentative calendar and subject to change.