**Lesson Title: Cell Test**

**Unit: 5**

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TEKS:

(C)(11)(A): compare cells from different parts of animals, including epithelia, muscles, and bones, to show specialization of structure and function;

(C)(11)(B): describe and explain cell differentiation in the development of organisms; and

(C)(11)(C): sequence the levels of organization in animals and relate the parts to each other and to the whole.

OBJECTIVES

The student shall be able to:

1. Identify the cell parts of an animal.
2. Focus on the functions of the cell parts.
3. Review parts of an animal cell.
4. Apply functions of a cell.
5. Define cell differentiation.
6. Explore terms related to cell differentiation.
7. Recognize structures formed within cell differentiation.
8. Define mitosis.
9. Define meiosis.
10. Analyze function of mitosis and meiosis in cell differentiation.
11. Identify phases of mitosis.
12. Analyze functions of phases of mitosis.
13. Apply mitosis to cell differentiation.
14. Identify phases of meiosis I and II.
15. Analyze functions of phases of meiosis I and II.
16. Apply meiosis to cell differentiation.
17. Define cell organization.
18. Illustrate levels of cell organization.
19. Differentiate types of cell organization within the body

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

WS: Cell Test

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| Interest Approach/Anticipatory Set | Teacher Notes |
| INTEREST APPROACH- Ask the students if they have questions over the review from yesterday.  TRANSITION – Today, you will be taking the Test over Cells. |  |

ENGAGEMENT- Students will be taking the Test. The students will also work on their SAE’s during the last 15 minutes of class.

EVALUATION- Will grade the tests for evaluation.

ADDITIONAL MATERIALS