**Lesson Title: Adipose Tissue**

**Unit: 5**

TEKS: 130.7(C) 11 (b)(c)

OBJECTIVES

The student will be able to:

1. Know the four locations fat is deposited
2. Explain adipogenesis
3. Explain lipogenesis
4. Compare and contrast the different factors affecting lipid metabolism

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Adipose Tissue

TEACHING PROCEDURE

|  |  |
| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| Use this area as an introduction of what will be done to get the students ready to learn.  Consider some of the following:  1. Link –  2. Motivation –  TRANSITION – | Ask questions to students |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: Know the four locations fat is deposited   * Visceral, subcutaneous, intermuscular, intramuscular   Objective 2: Explain adipogenesis   * Should be able to explain from the development of the fibroblast to a mature adipose cell   Objective 3: Explain lipogenesis   * Students should be able to explain the creation of lipid and also the factors affecting the creation.   Objective 4: Compare and contrast the different factors affecting lipid metabolism   * Slide 19-28 | Power point over history.  Lecture; involve students by reading slides. |

ENGAGEMENT

Students should take turns reading out loud and asking questions

EVALUATION

ADDITIONAL MATERIALS

College & Career Readiness Standards: II.C.1; II.E.7 (Write in the number/letters already crosswalked for your unit)

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