**Lesson Title: Embryonic growth and development**

**Unit: 5**

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

OBJECTIVES

The student will be able to:

1. Explain prenatal development from fertilization to birth
2. Understand different biological process’ in all phases of prenatal development
3. Define key vocabulary
4. Chart different phases in somitogenesis

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Embryonic Growth

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 – We know all the different tissues, but how do they work together to form a fetus?2. Motivation – How many weeks do you think it takes for a baby to develop finger prints? (9 weeks)TRANSITION –  | Ask questions to students |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: Explain prenatal development from fertilization to birth* This is encompassing of the entire lesson

Objective 2: Understand different biological process’ in all phases of prenatal development* Ovum
* Embryonic
* Fetal

Objective 3: Define key vocabulary* Ovum
* Zygote
* Morula
* Blastocyst
* Meiosis
* Implantation
* Totipotency

Objective 4: Chart different phases in somitogenesis * See slide 22
 | Power point over history. Lecture; involve students by reading slides.  |

ENGAGEMENT

EVALUATION

ADDITIONAL MATERIALS

 Power point, Crossword hand out, technology.

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

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