**Lesson Plan**

**Advanced Animal Science**

**TEK-** (c)(6)(C)The student will recognize the significance of meiosis to sexual reproduction

**Attention Grabber**- Video of cell division during meiosis

**Objectives**- 1. Identify the different phases of the second stage of meiosis

2. Diagram the second stage of meiosis

3. Explain the second stage of meiosis

4. Explain the process of meiosis

**Lesson-**

**Method 1**- Video over meiosis. Students take notes.

**Method 2-** Finish lecture with Power Point over stage 2 of Meiosis.

* Prophase 2- no DNA replication takes place (much like Mitosis)
* Metaphase 2- homologues align and move toward metaphase plate
* Anaphase 2- homologues separate and are pulled toward opposite poles of the cells
* Telephase 2- Cells begin to divide forming 4 sister haploid cells with half the chromosomes of the original parent cell.

**Method 3**- Students will recite stage 2 along with the process in each phase.

**Method 4-** Diagram stage 2 of meiosis.

**Method 5-** Review the entire process of Meiosis (stage 1 and 2)