

Name: _____ Date: _____ Period: _____

Meiosis Web Lesson

Visit this website:

<http://www.sumanasinc.com/webcontent/anisamples/majorsbiology/meiosis.html>

1. Read through the introduction information.
2. Select the "Animation" tab.
3. Select the "Narrated" button and listen to and watch the simulation.
4. When the animation finishes, select "Intro" to return to the start.

This time, select "Step through" so that you can fill in the chart below. Follow the prompts to watch each step and read its explanation.

5. When you get to the end, select the "Conclusion" tab. Read it through and write your own summary of the purposes of Meiosis in the space provided.

Meiosis: Step by step

Phase	Diagram	What is happening?
Interphase(Hint: in the bottom left corner, "click to play animation")		1)
Prophase I, Early-Middle(Hint: read what is happening during 2 nd interphase diagram, it discusses prophase)		1) 2) 3) 4)
Prophase I Late		1) 2) 3)
Metaphase I		1)
Anaphase I		1) 2)
Telophase I		1) 2) 3) 4)

Prophase II		1) 2)
Metaphase II		1)
Anaphase II		1)
Telophase II		1) 2) 3) 4)

6. Take the Quiz. Show your teacher your score. You can re-take it if you score poorly. What was your score? Show your teacher for verification and some extra credit.

Score: _____

Summary - Why is meiosis an important process? Use the A-B-C format in writing your response. Your answer must include reference to at least four of the following terms:

<i>Meiosis</i>	<i>Gametes</i>	<i>Fertilization</i>	<i>Zygote/s</i>
<i>Reproduction</i>	<i>Diploid</i>	<i>Haploid</i>	<i>Diversity</i>