

Name _____

Date _____

Meiosis Song Paired Activity Sheets

KWL Chart

What I KNOW	What I WANT to know	What I LEARNED

Meiosis Music Video Notes

<p><u>Key Words/Vocabulary</u></p>	<p><u>Process</u></p>
<p><u>Important Ideas</u></p>	<p><u>Questions</u></p>

Name _____

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Take notes and record the process of **meiosis**.


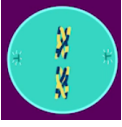
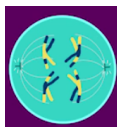
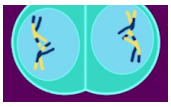

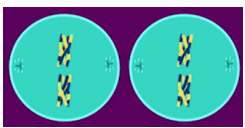
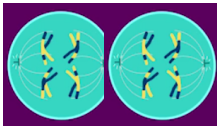

Steps of Meiosis

Step	Description	Illustration
Prophase 1		
Metaphase 1		
Anaphase 1		
Telophase 1		
Prophase 2		
Metaphase 2		
Anaphase 2		
Telophase 2		

In **meiosis** _____ parent cell splits into four _____ cells.

Sample Anchor Chart

Steps of Meiosis

Step	Description	Illustration
Prophase 1	Chromosomes condense, pair up, and exchange bits of DNA	
Metaphase 1	Chromosome pairs line up in the center of the cell	
Anaphase 1	Chromosomes pulled apart to opposite centrioles by meiotic spindles	
Telophase 1	Chromosomes at opposite poles and a membrane forms to split the cell into two haploid cells	
Prophase 2	Chromosomes condense, pair up, and exchange bits of DNA in both new cells	
Metaphase 2	Chromosome pairs line up in the center of each new cell	
Anaphase 2	Chromosomes pulled apart to opposite centrioles by meiotic spindles in each new cell	
Telophase 2	Chromosomes at opposite poles and a membrane forms to split the each new cell into two new haploid cells (4 new haploid cells)	

Independent Activity Instructions

Flip Book

For the Flip Book give students two sheets of paper and have them fold each sheet long ways (hot dog). Students then cut the top flap of the fold into four equal sections so each section can be flipped open. On each flap student writes a step of meiosis in order. Under each flap students draw or illustrate the step.

Flow Chart

Give students a sheet of poster paper or anchor chart. Allow students to draw and illustrate the flow of meiosis using words and pictures.

Narrative Booklet

Give students several sheets of blank paper. Encourage students to write a creative narrative that describes and illustrates meiosis. Students could write in a how to format, from the perspective of a cell, etc. Illustrations and writing must ultimately describe the process of meiosis.

If time allows give students ample work time and time to share their creations with the class or with other groups in the class.