

**Edmore Public School**  
**706 Main St, Edmore, ND 58330**

**Biology Lesson Plan**

<b>Dates:</b> October 9 - 16, 2023	<b>Time and Period:</b> 2:32 - 3:25 PM, Seventh Period
<b>Performance Standard:</b> <b>HS-LS1-4</b> Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms.  <b>HS-LS2-8</b> Evaluate the evidence for the role of group behavior on individual and species' chances to survive and reproduce.	

**Monday, October 9**

<b>Topic</b>	Uncontrolled Cell Division pp. 142
<b>Objectives</b>	Compare and contrast healthy cell division with cancerous cell growth.
<b>Bell Ringer</b>	Differentiate between <i>benign and malignant</i> .
<b>Procedure / Instructional Delivery</b>	GRASPS: Cell Cycle and Cancer, Scaffolding, Laboratory Activity, Observation Stations
<b>Assessment</b>	Performance Task: Harkness Discussion Vocabulary Skills Worksheet

**Tuesday, October 10**

<b>Topic</b>	Asexual Reproduction, pp. 144 - 146
<b>Objectives</b>	Compare the offspring in asexual reproduction with the parent.
<b>Bell Ringer</b>	Define <i>asexual reproduction</i> .
<b>Procedure / Instructional Delivery</b>	Discussion, Simulation, Models, GRASPS: Cell Cycle and Cancer, Scaffolding
<b>Assessment</b>	Performance Task: Harkness Discussion (Completion) Vocabulary Skills Worksheet

**Wednesday, October 11**

<b>Topic</b>	Chromosomes, pp. 162
<b>Objectives</b>	Explain why chromosomes are important for organisms
<b>Bell Ringer</b>	Define <i>chromosomes</i> .
<b>Procedure / Instructional Delivery</b>	Discussion, Simulation, Models, GRASPS: Cell Cycle and Cancer, Scaffolding
<b>Assessment</b>	Performance Task: Harkness Discussion (Completion) Vocabulary Skills Worksheet

**Thursday, October 12**

<b>Topic</b>	Harkness Discussion Proper Process of Meiosis, pp. 167 - 170
<b>Objectives</b>	Describe the mechanisms of genetic variation
<b>Bell Ringer</b>	Define <i>gametes</i> .
<b>Procedure / Instructional Delivery</b>	Discussion, Simulation, Models, Hands-on Activity
<b>Assessment</b>	Performance Task: Harkness Discussion Vocabulary Skills Worksheet

**Friday, October 13**

<b>Topic</b>	Quiz and Continuation of Meiosis, pp. 167 - 170
<b>Objectives</b>	Summarize the different phases of meiosis
<b>Bell Ringer</b>	Differentiate between <i>haploid</i> and <i>diploid</i> .
<b>Procedure / Instructional Delivery</b>	Discussion, Simulation, Models, Hands-on Activity
<b>Assessment</b>	Quiz: Cell Cycle