

Edmore Public School
706 Main St, Edmore, ND 58330

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

Monday, October 9	
Topic	Uncontrolled Cell Division pp. 142
Objectives	Compare and contrast healthy cell division with cancerous cell growth.
Bell Ringer	Differentiate between <i>benign and malignant</i> .
Procedure / Instructional Delivery	GRASPS: Cell Cycle and Cancer, Scaffolding, Laboratory Activity, Observation Stations
Assessment	Performance Task: Harkness Discussion Vocabulary Skills Worksheet

Tuesday, October 10	
Topic	Asexual Reproduction, pp. 144 - 146
Objectives	Compare the offspring in asexual reproduction with the parent.
Bell Ringer	Define <i>asexual reproduction</i> .
Procedure / Instructional Delivery	Discussion, Simulation, Models, GRASPS: Cell Cycle and Cancer, Scaffolding
Assessment	Performance Task: Harkness Discussion (Completion) Vocabulary Skills Worksheet

Wednesday, October 11

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

Thursday, October 12

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

Friday, October 13

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