

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:

November 6 -10, 2023

Time and Period:

12:42 - 1:34 PM, Fifth Period

Performance Standard:

MS-LS1-4

Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms.

MS-LS3-2

Develop and use a model to describe why asexual reproduction results in offspring with identical genetic information and sexual reproduction results in offspring with genetic variation.

Monday, November 3

Topic	Describing Types of Reproduction, pp. 142 - 144
Objectives	Explore the growth and development of organisms.
Bell Ringer	Differentiate between <i>sexual and asexual reproduction</i> .
Procedure / Instructional Delivery	Review, Interactive Discussion, Simulation, Illustrations, Hands - on / Laboratory Activity
Assessment	Describing Types of Reproduction, pp. 142 - 144

Tuesday, November 7

Topic	Relating Reproduction to Genetic Variation, pp. 145 - 147
Objectives	Identify the relationship between reproduction and variation of traits.
Bell Ringer	Define <i>gametes</i> .
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands - on / Laboratory Activity
Assessment	Relating Reproduction to Genetic Variation, pp. 145 - 147 Laboratory Worksheet

Wednesday, November 8

Topic	Modelling Sexual and Asexual Reproduction, pp. 148 - 150 Completion of Laboratory Activity
Objectives	Develop and use a model to determine the type of variation and genetic diversity.
Bell Ringer	Compare asexual and sexual reproduction using a venn diagram. See page 150 for reference.
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Simulations, Hands - on / Laboratory Activity
Assessment	Modelling Sexual and Asexual Reproduction, pp. 148 - 150 Laboratory Worksheet

Thursday, November 9

Topic	Review for Quiz Completion of Model of Sexual and Asexual Reproduction, pp. 148 - 150
Objectives	Develop and use a model to determine the type of variation and genetic diversity.
Bell Ringer	Give two organisms that undergo asexual reproduction and sexual reproduction.
Procedure / Instructional Delivery	Interactive Discussion, Guided Practice, Illustrations, Simulations, Hands - on / Laboratory Activity
Assessment	Modelling Sexual and Asexual Reproduction, pp. 148 - 150 Practice Quiz

Friday, November 10

NO SCHOOL