

Name: Reynolds, Moon		Grading Quarter: 3	Week Beginning: Week 1 1/6/25-1/10/25
School Year: 2024-2025		Subject: Science	
Monday	Notes: No School	Objective: - No School Lesson Overview: - No School	Academic Standards: No School
Tuesday	Notes: Grade 3 Unit 2: Life Cycles & Traits Lesson 2: Plant Traits Essential Question: How are plants similar and different from their parents?	Objective: - Students will explain patterns in the inheritance of traits by plants, and how variations provide plants advantages for survival. Lesson Overview: - Assess Prior Knowledge - Page 21- Page Keeley Science Probe: <i>Flowering Plants</i> - Engage - Pages 22-23- Encounter the Phenomenon: Why is the flower a different color from the rest? - Video: Tulip Fields - Sample questions for page 23: - Why does the flower have both red and yellow? - Are all of these the same type of flower?	Academic Standards: 5.L3U1.9 Obtain, evaluate, and communicate information about patterns between the offspring of plants, and the offspring of animals (including humans); construct an explanation of how genetic information is passed from one generation to the next. 5.L4U3.12 Construct an argument based on evidence that inherited characteristics can be affected by behavior and/or environmental conditions.

Wednesday	Notes: Grade 3 Unit 2: Life Cycles & Traits Lesson 2: Plant Traits Essential Question: How are plants similar and different from their parents?	Objective: - Students will explain patterns in the inheritance of traits by plants, and how variations provide plants advantages for survival. Lesson Overview: - Explain - Academic Vocabulary: <u>Trait</u>- a distinguishing, observable characteristic of a living thing. <u>Adaptation</u>- a change in behavior or form that helps a species survive in a specific environment. <u>Hereditary</u>- the passing on of traits from parents to offspring. <u>Inherited traits</u>- traits that come from parents. <u>Variation</u>- the appearance of an inherited trait that makes an individual different from other members of the same family. - Pages 26-27- Traits - Students will read the passages and take notes of vocabulary words. - Video: <i>Plant Traits and Survival</i> - Three-Dimensional Thinking - Explain how inheriting traits from their parents causes a living thing to survive.	Academic Standards: 5.L3U1.9 Obtain, evaluate, and communicate information about patterns between the offspring of plants, and the offspring of animals (including humans); construct an explanation of how genetic information is passed from one generation to the next. 5.L4U3.12 Construct an argument based on evidence that inherited characteristics can be affected by behavior and/or environmental conditions.
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Thursday	Notes: Grade 3 Unit 2: Life Cycles & Traits Lesson 2: Plant Traits Essential Question: How are plants similar and different from their parents?	Objective: - Students will explain patterns in the inheritance of traits by plants, and how variations provide plants advantages for survival. Lesson Overview: - Explain - Page 30-31- One Potato, Two Potato, More! - Inspect - Students will read the passage. - Find Evidence - Students will highlight evidence that explains how potatoes were changed over time. - Make Connections - How might a scientist use this information about variations of potatoes to make variations of flowers? - Elaborate - Page 33- Pea Plants - Students will read and answer a question: - What did Mendel's experiments prove?	Academic Standards: 5.L3U1.9 Obtain, evaluate, and communicate information about patterns between the offspring of plants, and the offspring of animals (including humans); construct an explanation of how genetic information is passed from one generation to the next. 5.L4U3.12 Construct an argument based on evidence that inherited characteristics can be affected by behavior and/or environmental conditions.
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Friday	Notes: Grade 3 Unit 2: Life Cycles & Traits Lesson 2: Plant Traits Essential Question: How are plants similar and different from their parents?	Objective: - Students will explain patterns in the inheritance of traits by plants, and how variations provide plants advantages for survival. Lesson Overview: - Explain - Page 17- Inquiry Activity: <i>Parent Plants</i> - Make a Prediction: Compare the parent plant to its offspring. Use what you have learned to make a new prediction about how the parent plant and its offspring are alike and different. - Carry Out an Investigation - Use the simulation to explore the growth of plants. - Complete the data on the table comparing the parent and offspring's height, color, petal, leaves, and stem. - Communicate information - In the first part of the simulation, you selected two parent plants. How did the offspring compare to the parents? - Talk About It - Did your findings support your prediction? Explain. - Writing Connection - Write an explanatory paragraph about inherited traits. Include information about how variations affect the survival in plants.	Academic Standards: 5.L3U1.9 Obtain, evaluate, and communicate information about patterns between the offspring of plants, and the offspring of animals (including humans); construct an explanation of how genetic information is passed from one generation to the next. 5.L4U3.12 Construct an argument based on evidence that inherited characteristics can be affected by behavior and/or environmental conditions.
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