

Name: Reynolds, Moon		Grading Quarter: 3	Week Beginning: Week 2 1/13/25-1/17/25
School Year: 2024-2025		Subject: Science	
Monday	Notes: Grade 3 Unit 2: Life Cycles & Traits Module 1: Plants 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: - Evaluate - Pages 34-35- Plant Traits Review - Summarize It - Explain how parents and their offspring compare. - Three-Dimensional Thinking - What is the passing of traits from parents to offspring called? - Does a flower always have the exact same color as its parents? Explain why or why not. - Look at the chart below. Which of the following traits belongs in the empty box?	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.

Tuesday	Notes: Grade 3 Unit 2: Life Cycles & Traits Module 1: Plants 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: - Plant Traits Quiz	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 Module 2: Animals Lesson 2: Animal Traits Essential Question: How are animals similar and different from their parents (and siblings)?	Objective: - Students will explain patterns in the inheritance of traits by animals, and how variations provide animals advantages for survival. Lesson Overview: - Assess Prior Knowledge - Page 63- Page Keeley Science Probe: <i>Sadie's Poodle</i> - Engage - Pages 64-65- Encounter the Phenomenon: Why do the kittens look different from the mom and each other? - Video: Cat Litter - Sample question for page 65: - Why is one kitten identical to the mom cat, but the other one is different colors?	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.

Thursday	Notes: Grade 3 Unit 2: Life Cycles & Traits Module 2: Animals Lesson 2: Animal Traits Essential Question: How are animals similar and different from their parents (and siblings)?	Objective: - Students will explain patterns in the inheritance of traits by animals, and how variations provide animals advantages for survival. Lesson Overview: - Explain - Academic Vocabulary: <u>Budding</u>- an asexual (single parent) reproduction method in which a new organism develops from a bud of an existing organism. <u>Instinct</u>- a way of acting that an animal does not have to learn. <u>Inherited behavior</u>- a set of actions that parents pass on to their offspring. - Page 68- Animal Reproduction - Students will read and answer the question: - Why do you think the offspring of budding are identical to the parent, but the offspring of two parents are not? - Page 69- Inherited Traits - Students will read the passage - Students will circle an example of an inherited trait that cannot be seen.	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 Module 2: Animals Lesson 2: Animal Traits Essential Question: How are animals similar and different from their parents (and siblings)?	Objective: - Students will explain patterns in the inheritance of traits by animals, and how variations provide animals advantages for survival. Lesson Overview: - Explore - Pages 66-67- Inquiry Activity: <i>Inherited Traits</i> - Make a Prediction - Which observable traits were passed down from the parent dogs to their offspring? - Carry Out an Investigation - Examine the observable traits of the parent dogs. - Record Data - Examine the observable traits of the offspring. - Record Data - Communicate Information - Look at the data you collected. What traits did the labradoodle inherit from its parents? - What traits did the brown labradoodle inherit from its parents? - Talk About It - Neither the labrador nor the poodle has brown fur. Discuss why you think one of the labradoodles has brown fur.	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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