

Washington Township School District

STEM/Makerspace Curriculum

Grade:	3	Mystery Science Unit/Project Title:	Animals Through Time
NJ Learning Standard(s):	Life Science <ul style="list-style-type: none"> • Mystery 1: 3-LS4-1, 3-LS4-4 • Mystery 2: 3-LS4-1 • Mystery 3: 3-LS4-1 • Mystery 4: 3-LS4-2 • Mystery 5: 3-LS4-2, 3-LS4-4 		
Objective:	<ul style="list-style-type: none"> • SWBAT describe how living things grow and change • SWBAT explain that some characteristics and behaviors are inherited and some are learned or acquired • SWBAT create a model or diagram that shows the stages that a specific animal goes through during its life cycle • SWBAT identify an animal's adaptations and explain how they help it to survive 		
STEM/ Unit Activities	Mystery 1: <ul style="list-style-type: none"> • Guess the Habitat (mystery) • Animal Adaptation STEM - TPT Mystery 2: <ul style="list-style-type: none"> • Guess What These Animals Eat (mystery) • Dinosaur Body Structure STEM Mystery 3: <ul style="list-style-type: none"> • Outrunning CeeLo (mystery) • How Dinosaurs Behaved 		

	<p>Mystery 4:</p> <ul style="list-style-type: none"> • Designer Dogs (mystery) <p>Mystery 5:</p> <ul style="list-style-type: none"> • Lizard Island (mystery) • Candy Dish Selection • Heredity Activity <p>Suggested STEM:</p> <ul style="list-style-type: none"> • Biome Foldable
<p>Suggested Assessments:</p>	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test
<p>Supplies Needed:</p>	<p>Mystery 1: Guess the Habitat</p> <ul style="list-style-type: none"> • Handout (mystery) <p>Animal Adaptation STEM</p> <ul style="list-style-type: none"> • Various materials from stem lab <p>Mystery 2: Guess What These Animals Eat</p> <ul style="list-style-type: none"> • Handout (mystery) <p>Dinosaur Body Structure:</p> <ul style="list-style-type: none"> • Marshmallows (substitute?? Playdoh?) • Straws • Skewers <p>Mystery 3: OutRunning CeeLo</p> <ul style="list-style-type: none"> • Tracks handout (mystery) • Floor space

	<ul style="list-style-type: none"> • Masking tape • Yardstick <p>How Dinosaurs Behaved:</p> <ul style="list-style-type: none"> • Printout • Black, red, green, blue, yellow crayon <p>Mystery 4: Designer Dogs</p> <ul style="list-style-type: none"> • Handout (mystery) <p>Mystery 5: Lizard Island</p> <ul style="list-style-type: none"> • Printouts (mystery) <p>Candy Dish Selection</p> <ul style="list-style-type: none"> • Popular and unpopular wrapped candy (substitute ???) <p>Heredity Activity</p> <ul style="list-style-type: none"> • Included graphing sheet – 3/student • Included observation sheet – 3/student • 25-30 (for each color) blue, green, yellow plastic Easter eggs • Googly eyes (small and big) • Small pieces of yellow and blue pipe cleaners • 5 identical plastic bins • Any type of confetti
<p>Resources to Support Unit:</p>	<p>Mentor Text: Log Hotel by Anne Schrieber</p> <p>BrainPop Jr: Habitats tab (various habitats available)</p> <p>Readworks Articles: Biodiversity, Living Things and their Habitats, Fossils and Dinosaurs (Meat and Plant Eaters)</p> <p>Interactive Website: Learn about fossils</p> <p>Article: Biggest Dino Ever!</p> <p>Dino Games</p>