

Washington Township School District

STEM/Makerspace Curriculum

Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Super Animal
NJ Learning Standard(s):	<ul style="list-style-type: none"> • 1-LS1-1 • K-2-ETS1-1 • K-2-ETS1-2 		
Objective:	Student will design a body covering for an animal.		
STEM/ Unit Activities	Plan and design a body covering for an animal that will protect it and allow for optimal survival.		
Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test • Response sheet • Self-assessment 		
Supplies Needed:	Small stuffed animals, paper plates, toothpicks, crayons, egg cartons, plastic baggies, fabric scraps, scotch tape, glue, rubber bands		
Resources to Support Unit:	Mystery Science Unit, books about animal survival, Brain Pop Jr.		

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STEM/Makerspace Curriculum

Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Tree Roots
NJ Learning Standard(s):	<ul style="list-style-type: none"> • 1-LS1-1 • K-2-ETS1-1 • K-2-ETS1-2 		
Objective:	Student will design a model of a tree.		
STEM/ Unit Activities	Plan and design a model of a tree to show how its' parts allow it to survive.		
Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test • Response sheet • Self-assessment 		
Supplies Needed:	Plastic cups, soil, straws, pipe cleaners		
Resources to Support Unit:	Mystery Science Unit, books about trees, websites on trees.		

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Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Life Cycles
NJ Learning Standard(s):	<ul style="list-style-type: none">• 1-LS1-1• 1-LS1-2• 1-LS3-1		
Objective:	Student will make an animal adaptation.		
STEM/ Unit Activities	Plan and make an adaptation for an animal to help them become better adapted in their environment.		
Suggested Assessments:	<ul style="list-style-type: none">• Exit Ticket• Journal• Project Rubric• Unit Test• Response sheet• Self-assessment		
Supplies Needed:	Drawing tools		

Resources to Support Unit:	Mystery Science Unit, books about animals, websites about animals and their adaptations.
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Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Lego Animal
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NJ Learning Standard(s):	<ul style="list-style-type: none"> • 1-LS1-1 • 1-LS1-2 • 1-LS3-1
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Objective:	Student will build an animal model.
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STEM/ Unit Activities	Plan and build an animal with Legos.
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Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test • Response sheet • Self-assessment
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Supplies Needed:	Legos
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Resources to Support Unit:	Mystery Science Unit, pictures of animals
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**Washington Township School District
STEM/Makerspace Curriculum**

Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Similarities and differences in animals
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NJ Learning Standard(s):	<ul style="list-style-type: none"> • 1-LS1-1 • 1-LS1-2 • 1-LS3-1
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Objective:	Student will make a model of a zoo.
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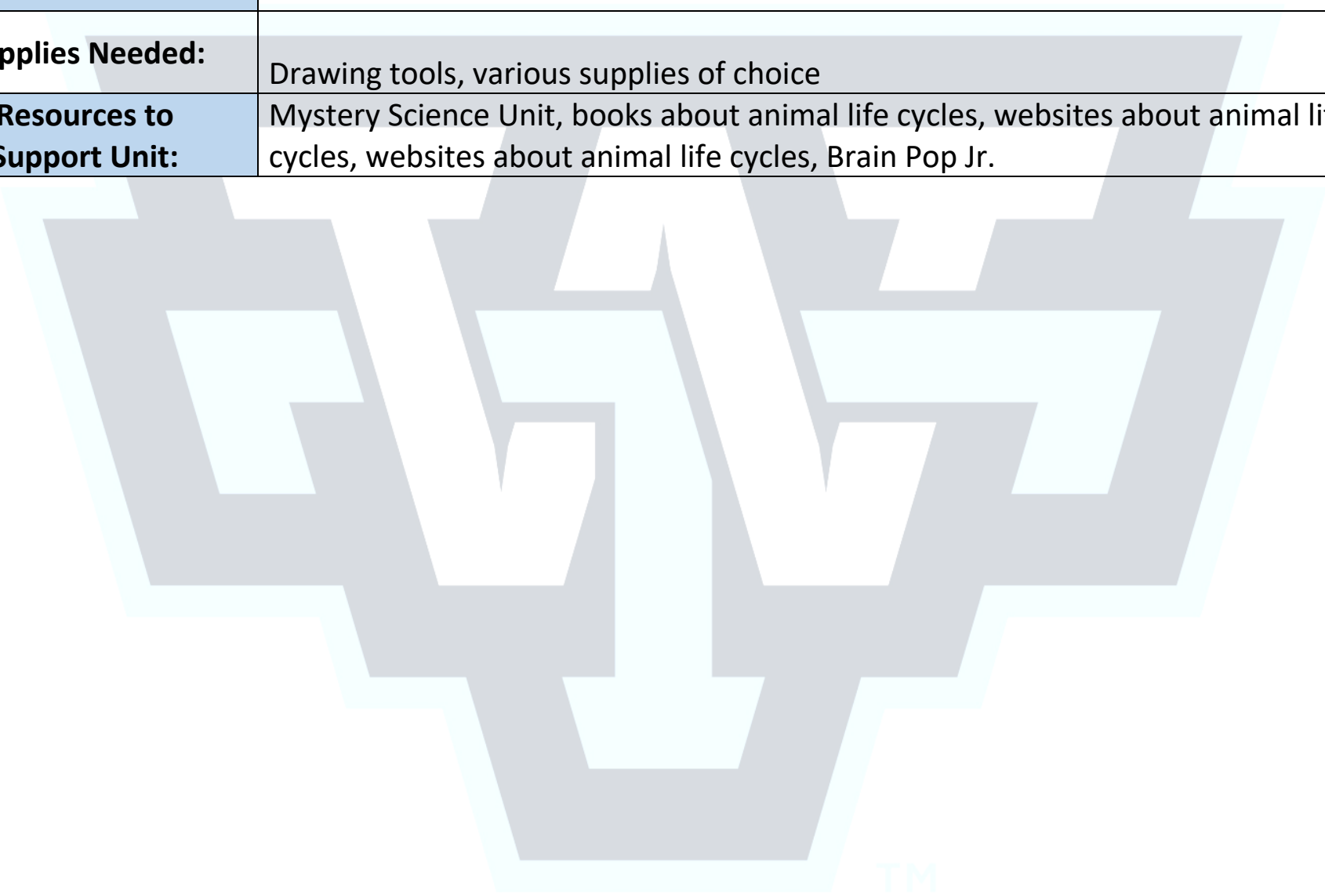
STEM/ Unit Activities	Plan and make a zoo with different types of animals. Make sure your zoo has at least 3 different habitats to show how you sorted the animals by their similarities and differences.
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Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test • Response Sheet • Self-assessment
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Supplies Needed:	Drawing tools, various objects and craft materials needed to create a model of a zoo
Resources to Support Unit:	Mystery Science Unit, books on animal habitats, animal habitat videos, Brain Pop Jr., websites about animal habitats and zoos.

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Grade:	1	Mystery Science Unit/Project Title:	Animal Superpowers/Life Cycles
NJ Learning Standard(s):	<ul style="list-style-type: none"> • 1-LS1-1 • 1-LS1-2 • 1-LS3-1 		
Objective:	Student will make a life cycle model.		
STEM/ Unit Activities	Plan and make a creative model that shows the life cycle of a common animal.		
Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Project Rubric • Unit Test • Response sheet 		

	<ul style="list-style-type: none">• Self-assessment
Supplies Needed:	Drawing tools, various supplies of choice
Resources to Support Unit:	Mystery Science Unit, books about animal life cycles, websites about animal life cycles, websites about animal life cycles, Brain Pop Jr.



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