

**Take A Walk on the Wildside
Outdoor Science Program
Kindergarten
Curriculum Standards/Activities
William P. Ridley 4-H Center**

<u>Lessons:</u> Earth Science Life Science Physical Science ETS	<u>Grade</u>	<u>State ID</u> <u>NGSS</u> <u>TASS</u>	<u>Description</u>	<u>Standard</u>
Weather symbols & Instruments	K	K.ESS2 K.ESS3	Matching instruments with purpose	*Analyze, interpret weather data, symbols, patterns, tools. *Explain the purpose of weather forecasting.
Cloud ID	K	K.PS1 K.ESS2 K.ESS3	Cloud formation, ID	*Matter comes in different states *Analyze, interpret weather data, symbols, patterns, tools. *Solutions to reduce human impact in air, water, land.
Weather Folklores	K	K.ESS3	Learning from nature	Create ideas to reduce human impact
Weather Wheel	K	K.ESS2	Using old school methods (coming in 2024)	*Analyze, interpret weather data, symbols, patterns, tools.
Water Cycle	K	K.PS1 K.ESS2 K.ESS3	Water experiment/games	*Matter comes in different states *Analyze, interpret weather data, symbols, patterns, tools. *Solutions to reduce human impact.
Erosion	K	K.ESS3	Compare force of elements	*Solutions to reduce human impact
Earth Layer Artists	K	K.ESS3 K.PS1	Compare dirt through art	*Solutions to reduce human impact *Matter comes in different states.
Natural disasters w/a twist	K	K.ESS2 K.ESS3	Discuss and create models of elements that cause natural disasters	*Analyze, interpret weather data, symbols, patterns, tools. *Explain the purpose of weather forecasting. *Solutions to reduce human impact
Animal Secrets	K	K.LS1	Classifications based on body parts	Using information from observations to identify differences between plants/animals
Habitat room	K	K.LS1 K.LS2 K.ESS3	Observation of live animals	*Using information from observations to identify differences between plants/animals *Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents.
Animal classification Game	K	K.LS1 K.ESS3	Using animal characteristics to understand similarities	*Using information from observations to identify differences between plants/animals *Observations of how plants/animals resemble their parents.
Noisy Neighbors	K	K.LS1	Using senses to relate to animal senses	Using information from observations to identify differences between plants/animals- senses
Canufndme	K	K.LS1	Scavenger hunt of matching pictures with plant/animal life	Using information from observations to identify differences between plants/animals
Forestry	K	K.LS1 K.LS3	Using a nature hike to observe natural habitats/functions of plants/animals.	*Using information from observations to identify differences between plants/animals *Relationships btw. Basic needs of different

**Take A Walk on the Wildside
Outdoor Science Program
Kindergarten
Curriculum Standards/Activities
William P. Ridley 4-H Center**

				plants/animals- the places they live.
Plant Secrets	K	K.LS1	Dissecting plants to discover characteristics of plants/animals	Using information from observations to identify differences between plants/animals
Dragon Keys	K	K.LS1	Create a replica of a dragonfly	Using information from observations to identify differences between plants/animals
Pollinator Land	K	K.LS1	Using a pollinator garden to learn about plant/animals/human interactions	Using information from observations to identify differences between plants/animals
Hungry Caterpillar	K	K.LS2 K.ESS3	Reenactment of the story	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents.
Butterfly Garden	K	K.LS3 K.ESS3	(Seasonal) study of butterflies and their life cycle	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents. *Create ideas to reduce human impact
The thing about Bees...	K	K.LS1 K.ESS3	Study of Honey bees	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents. *Create ideas to reduce human impact
@Home w/Ants & Bats	K	K.LS1 K.ESS3	Study and crafts with ants and bats	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents. *Create ideas to reduce human impact
Pollinator Free Sundae	K	K.LS1 K.ESS3	Creating a pollinator sundae	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents. *Create ideas to reduce human impact
Shells, More than a HOME	K	K.LS1 K.ESS3	Study of shells and their inhabitants	*Relationships btw. Basic needs of different plants/animals- the places they live. *Observations of how plants/animals resemble their parents. *Create ideas to reduce human impact
Crayon's Matter	K	K.PS1	Comparison of liquid/solids	Matter comes in different states
Bartholomew's Secret	K	K.PS1	Oobleck experiments	Matter comes in different states
Kitchen Chemistry	K	K.PS1	Various experiments with kitchen items to example different states of matter	*Describe kinds of materials by look/feel. *Groups materials with similar properties.
Global Scavengers	K	K.ETS1	Use appropriate tools. Describe various objects and create a structure	*Describe kinds of materials by look/feel. *Groups materials with similar properties.
Design a weather tool	K	K.ETS1	Use appropriate tools. Describe various objects and create a structure	*Describe kinds of materials by look/feel. *Groups materials with similar properties.