






















# Kide Science Kindergarten NGSS Alignment















Taken from The NGSS.










Please note: These are just a selection of lessons to compliment the NGSS. We have over 70 lessons which develop crucial Science-Process Skills.

K-PS2 Motion and Stability: Forces and Interactions		Do we support this standard?	Recommended Lessons			
K-PS2-1	Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.	☑	 Lesson 7	 Lessons 2, 3, 10	 Lessons 3, 5	 Lesson 8
K-PS2-2	Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.	☑	 Lesson 7	 Lessons 2, 3, 10	 Lessons 3, 5	 Lesson 8
K-LS1 From Molecules to Organisms: Structures and Processes						
K-LS1-1	Use observations to describe patterns of what plants and animals (including humans) need to survive.	☑	 Lessons 2, 3, 4	 Lessons 5, 6, 7	 Lessons 8, 9	 Lesson 11









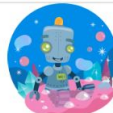

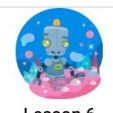
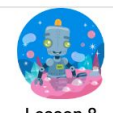
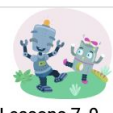





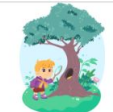

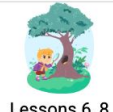
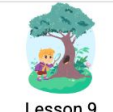



- Our Story Themes**  
(made up of 10 lessons)
-  Kelvin's Weather Adventure
  -  Exploring The Wild With Esther
  -  Curious Incidents in Supraland
  -  Pi And The Secret Forest
  -  Mrs Noblegas' Floury Dilemma
  -  Esther the Detective Investigates
  -  To The North And Back
  -  Mysteries Of The Glittering Cave
  -  Supraland Celebrations

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K-ESS2 Earth's Systems		Do we support this standard?	Recommended Lessons			
K-ESS2-1	Use and share observations of local weather conditions to describe patterns over time.	☑	 Lesson 4, 5	 Lesson 6, 7	 Lesson 10	
K-ESS2-2	Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.	☑	 Lesson 4	 Lesson 6	 Lesson 8	 Lesson 9
K-ESS3 Earth and Human Activity		Do we support this standard?	Recommended Lessons			
K-ESS3-1	Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.	☑	 Lessons 1, 2, 3, 4, 5	 Lesson 8	 Lesson 9	
K-ESS3-2	Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.	☑	 Lesson 8	 Lesson 6	 Lesson 7	 Lesson 10

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K-2-ETS1 Engineering Design		Do we support this standard?	Recommended Lessons				
K-2-ETS1-1	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	<input checked="" type="checkbox"/>	 Lessons 8	 Lesson 5	 Lessons 2, 7	 Lessons 8, 10	 Lesson 10
K-2-ETS1-2	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.	<input checked="" type="checkbox"/>	 Intro Lesson 3	 Lessons 2, 10	 Lesson 2	 Lesson 8	
K-2-ETS1-3	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.	<input checked="" type="checkbox"/>	 Lesson 2	 Lesson 6	 Lesson 8	 Lessons 7, 9	 Lesson 5
K.Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment							
K-LS1-1.	Use observations to describe patterns of what plants and animals (including humans) need to survive.	<input checked="" type="checkbox"/>	 Lessons 1, 2, 3, 4, 5				
K-ESS2-2.	Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.	<input checked="" type="checkbox"/>	 Lesson 5	 Lesson 10	 Lesson 8	 Lesson 9	
K-ESS3-1.	Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.	<input checked="" type="checkbox"/>	 Lessons 1, 2, 3, 4, 5	 Lessons 6, 8	 Lesson 9		
K.Weather and Climate & K-PS3-1 Energy		Do we support this standard?	Recommended Lessons				
K-PS3-1	Make observations to determine the effect of sunlight on Earth's surface.	<input type="checkbox"/>	 Lesson 10	 Coming Soon			
K-PS3-2	Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.	<input type="checkbox"/>	 Lesson 10				







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# Kide Science Grade 1 NGSS Alignment

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1-PS4 Waves and Their Applications in Technologies for Information Transfer		Do we support this standard?	Recommended Lessons			
Light and Sounds						
1-PS4-1	Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.	☑	 Lessons 4, 6			
1-PS4-2	Make observations to construct an evidence-based account that objects in darkness can be seen only when illuminated.	☑	 Lessons 6, 8			
1-PS4-3	Plan and conduct investigations to determine the effect of placing objects made with different materials in the path of a beam of light.	☑	 Lesson 8	 Lesson 6	 Coming Soon	
1-PS4-4	Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.	☑	 Lesson 4			




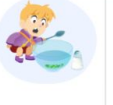

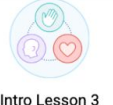
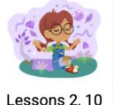
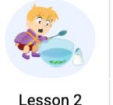
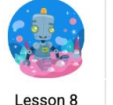


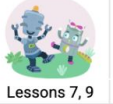

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1-LS1 From Molecules to Organisms: Structures and Processes		Do we support this standard?	Recommended Lessons			
Structure, Function, and Information Processing						
1-LS1-1	Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.	<input checked="" type="checkbox"/>	 Lessons 1, 5			
1-LS1-2	Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.	<input checked="" type="checkbox"/>	 Lessons 6, 8	 Lesson 9		
1-LS3 Heredity: Inheritance and Variation of Traits		Do we support this standard?	Recommended Lessons			
Structure, Function, and Information Processing						
1-LS3-1	Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.	<input checked="" type="checkbox"/>	 Lesson 2	 Lesson 1	 Lesson 6	
1-ESS1 Earth's Place in the Universe		Do we support this standard?	Recommended Lessons			
Space Systems: Patterns and Cycles						
1-ESS1-1	Use observations of the sun, moon, and stars to describe patterns that can be predicted.	<input type="checkbox"/>	 Coming Soon			
1-ESS1-2	Make observations at different times of year to relate the amount of daylight to the time of year.	<input type="checkbox"/>	 Lesson 10			











K-2-ETS1 Engineering Design		Do we support this standard?	Recommended Lessons				
K-2-ETS1-1	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	<input checked="" type="checkbox"/>	 Lesson 5	 Lessons 2, 7	 Lessons 8, 10	 Lesson 2, 10	 Lessons 5, 6, 7, 8
K-2-ETS1-2	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.	<input checked="" type="checkbox"/>	 Intro Lesson 3	 Lessons 2, 10	 Lesson 2	 Lesson 8	
K-2-ETS1-3	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.	<input checked="" type="checkbox"/>	 Lesson 2	 Lessons 6, 8	 Lessons 7, 9	 Lesson 5	






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# Kide Science Grade 2 NGSS Alignment

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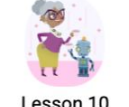



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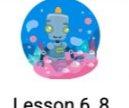
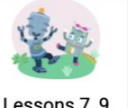

2-PS1 Matter and Its Interactions		Do we support this standard?	Recommended Lessons			
Structure and Properties of Matter						
2-PS1-1.	Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.	☑	 Lessons 5, 9, 10	 Lessons 3	 Lesson 3	 Lesson 2
2-PS1-2.	Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose	☑	 Lesson 5	 Lesson 7	 Lesson 3	 Lesson 2
2-PS1-4.	Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.	☑	 Lesson 8	 Lessons 7, 10		

2-LS2 Ecosystems: Interactions, Energy, and Dynamics		Do we support this standard?	Recommended Lessons			
2.Interdependent Relationships in Ecosystems						
2-LS2-1.	Plan and conduct an investigation to determine if plants need sunlight and water to grow.	☑	 Lesson 2			
2-LS2-2.	Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.	☑	 Lesson 3, 4			
2-LS4 Biological Evolution: Unity and Diversity						
2-LS4-1.	Make observations of plants and animals to compare the diversity of life in different habitats.	☑	 Lesson 2, 3	 Lessons 8,9		
2-ESS1 Earth's Place in the Universe						
2-ESS1-1.	Use information from several sources to provide evidence that Earth events can occur quickly or slowly.	☑	 Lesson 2			










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2-ESS2 Earth's Systems		Do we support this standard?	Recommended Lessons			
<b>Earth's Systems: Processes that Shape the Earth</b>						
2-ESS2-2.	Develop a model to represent the shapes and kinds of land and bodies of water in an area.	<input type="checkbox"/>	 Lesson 2			
2-ESS2-3.	Obtain information to identify where water is found on Earth and that it can be solid or liquid.	<input type="checkbox"/>	 Lesson 10	 Lesson 5	 Lesson 8	 Lesson 5

K-2-ETS1 Engineering Design		Do we support this standard?	Recommended Lessons				
K-2-ETS1-1.	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	<input checked="" type="checkbox"/>	 Lesson 5	 Lessons 2, 7	 Lessons 8, 10	 Lesson 2, 10	 Lessons 5, 6, 7, 8
K-2-ETS1-2.	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.	<input checked="" type="checkbox"/>	 Intro Lesson 3	 Lessons 2, 10	 Lesson 2	 Lesson 8	
K-2-ETS1-3.	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.	<input checked="" type="checkbox"/>	 Lesson 2	 Lesson 6, 8	 Lessons 7, 9	 Lesson 5	

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