

Grade 1

Activity: **A House of Seasons**

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Structure and Function

How are organisms structured to ensure efficiency and survival?

Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs.</p> <ul style="list-style-type: none"> > Animals need air, water and food to survive. > Plants need air, water, and sunlight to survive 	<p>1. Recognize the presence of water within each season</p>	<p>A.12 Describe the different ways in which animals, including humans, obtain food and water</p>

Activity: **A-maze-ing Water**

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs.</p> <ul style="list-style-type: none"> > Animals need air, water and food to survive. > Plants need air, water, and sunlight to survive 	<ol style="list-style-type: none"> 1. Describe urban forms of pollution. 2. Provide reasons why people should monitor what they put on their lawns or in streets. 3. Identify ways to treat urban runoff. 	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p>

Activity: **Aqua Bodies**

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Structure and Function

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. > Animals need air, water and food to survive. > Plants need air, water, and sunlight to survive</p>	<p>1. Conclude that water is the main ingredient of living organisms</p>	<p>A12. Describe the different ways animals, including humans, obtain water and food.</p> <p>A13. Describe the different structures that plants have to obtain water and sunlight.</p>

Activity: **Aqua Notes**

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How are organisms structured to ensure efficiency and survival?

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. > Animals need air, water and food to survive. > Plants need air, water and sunlight to survive.</p>	<p>1. Note the different ways the body uses water.</p> <p>2. Determine that they need water.</p>	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p>

Activity: **Cold Cash in the Icebox**

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Science and Technology in Society
 How do science and technology affect the quality of our lives?

Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.4 The properties of materials and organisms can be described more accurately through the use of standard measuring units. >Various tools can be used to measure, describe and compare different objects and organisms.</p>	<p>1. Compare the insulating properties of various materials</p>	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.</p> <p>A18. Describe differences in the physical properties of solids and liquids.</p>

Activity: **Life in the Fast Lane**

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. >Animals need air, water and</p>	<p>1. Describe physical and biological component of temporary wetlands.</p> <p>2. Recognize the importance of</p>	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p>

<p>food to survive. >Plants need air, water and sunlight to survive.</p>	<p>temporary wetland to larger ecosystems.</p> <p>3. Explain how organisms in temporary wetlands race against time to obtain water, shelter, food, and a mate.</p>	
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Activity: **Rainy Day Hike**

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Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>1.4 The properties of materials and organisms can be described more accurately through the use of standard measuring units. > Various tools can be used to measure, describe and compare different objects and organisms.</p>	<p>1. Identify the watershed in which their school is located.</p> <p>2. Explain the role the schoolyard plays in the watershed.</p>	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.</p>

Activity: **Stream Sense**

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. >Animals need air, water and food to survive. >Plants need air, water and sunlight to survive.</p>	<p>1. Recognize how their senses provide them with details about stream ecosystems</p>	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p> <p>A13. Describe the different structures plants have for obtaining water and sunlight.</p> <p>A14. Describe the structures that animals, including humans, use to move around.</p>

Activity: **Stream Sense**
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Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>1.3 Organisms change in form and behavior as part of their life cycles. >Some organisms undergo metamorphosis during their life cycles; other organisms grow and change, but their basic form essentially stays the same.</p>	<p>1. Recognize how their senses provide them with details about stream ecosystems</p>	<p>A15. Describe the changes in organism, such as frogs and butterflies, as they undergo metamorphosis.</p> <p>A16. Describe the life cycles of organisms that grow but do not metamorphose.</p>

Activity: **The Life Box**
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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. >Animals need air,</p>	<p>1. Identify four essential factors necessary for life. Explain how living things use these four factors</p>	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p>

<p>water and food to survive. >Plants need air, water and sunlight to survive.</p>		<p>A13. Describe the different structures plants have for obtaining water and sunlight.</p>
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Activity: **The Long Haul**

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.4 The properties of materials and organisms can be described more accurately through the use of standard measuring units. >Various tools can be used to measure, describe and compare different objects and organisms.</p>	<ol style="list-style-type: none"> 1. Develop an awareness of various volumes of water. 2. Appreciate today’s readily available water supplies. 3. Relate how easy access to water can encourage people to use large amounts of water. 	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.</p>

Activity: **The Thunderstorm**

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Content Standards	Activity Objectives	CMT Correlation/Expected Performances
<p>1.4 The properties of materials and organisms can be described more accurately through the</p>	<ol style="list-style-type: none"> 1. Work cooperatively to mimic the sounds of a thunderstorm 2. Become more aware of the various sounds of a 	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using</p>

<p>use of standard measuring units. >Various tools can be used to measure, describe and compare different objects and organisms.</p>	<p>thunderstorm 3. Monitor and record “precipitation”</p>	<p>standard and nonstandard measuring tools.</p>
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Activity: **Water Address**

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<p>1.2 Living things have different structures and behaviors that allow them to meet their basic needs. > Animals need air, water and food to survive. > Plants need air, water and sunlight to survive.</p>	<p>1. Recognize water-related adaptations of some plants and animals.</p>	<p>A12. Describe the different ways that animals, including humans, obtain water and food.</p> <p>A13. Describe the different structures plants have for obtaining water and sunlight.</p> <p>A14. Describe the structures that animals, including humans, use to move around.</p>

Activity: **Water in Motion**

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Science and Technology in Society

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Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
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<p>1.4 The properties of materials and organisms can be described more accurately through the use of standard measuring units. > Various tools can be used to measure, describe and compare different objects and organisms.</p>	<ol style="list-style-type: none"> 1. Recognize reasons why people find the sound and movement of water pleasing. 2. Demonstrate how wind, pressure and gravity move water. 3. Design artwork that incorporates movement and sounds of water. 	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.</p>
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Activity: **What’s Happening?**

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<p>Content Standards (focus of standard)</p>	<p>Activity Objectives (from Project WET activity)</p>	<p>CMT Correlation/Expected Performances</p>
<p>1.4 The properties of materials and organisms can be described more accurately through the use of standard measuring units. > Various tools can be used to measure, describe and compare different objects and organisms.</p>	<ol style="list-style-type: none"> 1. Develop and conduct a survey 2. Interpret results of a survey to provide information about a water-related topic or issue. 	<p>A17. Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.</p>

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