

Grade 2

Activity: **Aqua Notes**

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

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>2.4 Human beings, like all other living things, have special nutritional needs for survival. >The essential components of balanced nutrition can be obtained from plant and animal sources. >People eat different foods in order to satisfy nutritional needs for carbohydrates, proteins and fats.</p>	<p>1. Note the different ways the body uses water. 2. Determine that they need water.</p>	<p>A24. Describe how people in different cultures use different food sources to meet their nutritional needs.</p>

Activity: **Cold Cash in the Icebox**

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Properties of Matter
How does the structure of matter affect the properties and uses of materials?

<p>2.1 Materials can be classified as solid, liquid or gas based on their observable properties. >Solids tend to maintain their own shapes, while liquids tend to assume the shapes of their containers, and gases fill their containers fully.</p>	<p>1. Compare the insulating properties of various materials</p>	<p>A18. Describe the effect of heating on the melting, evaporation, condensation and freezing of water.</p>
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Activity: **Molecules in Motion**

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Properties of Matter

How does the structure of matter affect the properties and uses of materials?

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>2.1 Materials can be classified as solid, liquid or gas based on their observable properties. >Solids tend to maintain their own shapes, while liquids tend to assume the shapes of their containers, and gases fill their containers fully.</p>	<p>1. Model the effects of heat energy on the state of water.</p>	<p>A18. Describe differences in the physical properties of solids and liquids.</p>

Activity: **Stream Sense**

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The Changing Earth

How do materials cycle through the Earth's systems?

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>2.3 Earth materials have varied physical properties which make them useful in different ways. >Soils can be described by their color, texture and capacity to retain water. >Soils support the growth of many kinds of</p>	<p>1. Recognize how senses provide details about stream ecosystems.</p>	<p>A21. Sort different soils by properties, such as particle size, color and composition.</p>

plants, including those in our food supply.		
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Activity: **The Life Box**

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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>2.4 Human beings, like all other living things, have special nutritional needs for survival.</p> <p>> The essential components of balanced nutritional needs for survival.</p> <p>> People eat different foods in order to satisfy nutritional needs for carbohydrates, proteins and fats.</p>	<p>1. Identify four essential factors necessary for life.</p> <p>2. Explain how living things use these four factors</p>	<p>A23. Identify the sources of common foods and classify them by their basic food group.</p> <p>A24. Describe how people in different cultures use different food sources to meet their nutritional needs.</p>

Activity: **The Long Haul**

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Properties of Matter

How does the structure of matter affect the properties and uses of materials?

Content Standards	Activity Objectives	CMT Correlation/Expected Performances
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<p>2.1 Materials can be classified as a solid, liquid or gas based on their observable properties. >Solids tend to maintain their own shapes, while liquids tend to assume the shapes of their containers, and gases fill their containers fully.</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>A18. Describe differences in the physical properties of solids and liquids.</p>
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Activity: **Water Address**
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The Changing Earth
 How do materials cycle through the Earth’s systems?

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances
<p>2.3 Earth materials have varied physical properties which make them useful in different ways. >Soils can be described by their color, texture and capacity to retain water. >Soils support the growth of many kinds of plants, including those in our food supply.</p>	<ol style="list-style-type: none"> 1. Recognize water-related adaptations of some plants and animals. 	<p>A22. Relate the properties of different soils to their capacity to retain water and support the growth of certain plants.</p>

Activity: **Water Address**
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Structure and Function
 How are organisms structured to ensure efficiently and survival?

Content Standards (focus of standard)	Activity Objectives (from Project WET activity)	CMT Correlation/Expected Performances

<p>2.2 Plants change their forms as part of their life cycles. >The life cycles of flowering plants, include seed germination, growth, flowering, pollination and seed dispersal.</p>	<p>1. Recognize water-related adaptations of some plants and animals.</p>	<p>A20. Explore and describe the effects of light and water on seed germination and plant growth.</p>
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Activity: **Water Match**

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Properties of Matter

How does the structure of matter affect the properties and uses of materials?

Content Standard	Activity Objectives	CMT Correlation/Expected Performances
<p>2.1 Materials can be classified as solid, liquid or gas based on their observable properties. >Solids tend to maintain their own shapes, while liquids tend to assume the shapes of their containers, and gases fill their containers completely.</p>	<p>1. Identify the three stages of water; solid, liquid, and gas 2. Recognize that water can become polluted and that some water can be cleaned.</p>	<p>A 18. Describe differences in the physical properties of solids and liquids.</p>

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