

Section - Activity	Activity Guide	IA Supplement	Portions	Correlation	Science Standards
III Riparian Zone	PW	no		<ul style="list-style-type: none"> ⊙ ○ ○ ○ ⊙ ⊙ ⊙ ● ● ● ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Evolution and Equilibrium <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science & Technology <i>F - Science in Personal and Social Perspectives:</i> Populations, Resources, & Environments Natural Hazards Risks and Benefits Science and Technology in Society <i>G - History and Nature of Science:</i> Science as Human Endeavor Nature of Science

Correlation Key

- indicates that the concept is a *main* focus of the activity
- indicates that the concept is *addressed* in the activity

- ⊙ indicates that the concept is *part* of the focus of the activity

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III Shrinking Habitat	PW	no	1	<ul style="list-style-type: none"> ⊙ ○ ○ ○ ○ ○ ○ ● ⊙ ○ ○ ○ ⊙ ● ● ● ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Evolution and Equilibrium <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems Diversity and Adaptations of Organisms <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science & Technology <i>F - Science in Personal and Social Perspectives:</i> Populations, Resources, & Environments Natural Hazards Risks and Benefits Science and Technology in Society <i>G - History and Nature of Science:</i> Science as Human Endeavor

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I Designing a Habitat	PWA	yes	1, 2, 3	<ul style="list-style-type: none"> ⊙ ⊙ ○ ○ ⊙ ○ ○ ○ ○ ⊙ ⊙ ○ ○ ○ ⊙ ○ ○ ⊙ ○ ⊙ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Evolution and Equilibrium Form and Function <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>B - Physical Science:</i> Properties & Changes of Properties in Matter <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems <i>D - Earth and Space Science:</i> Structure of the Earth System <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science & Technology <i>F - Science in Personal and Social Perspectives:</i> Populations, Resources, & Environments Risks and Benefits Science and Technology in Society

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I The Edge of Home	PWA	yes	1, 2, 3	<ul style="list-style-type: none"> ⊙ ⊙ ○ ○ ⊙ ⊙ ⊙ ● ○ ○ ○ ○ ○ ○ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Form and Function <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems <i>D - Earth and Space Science:</i> Structure of the Earth System Earth's History Earth in the Solar System <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science & Technology <i>F - Science in Personal and Social Perspectives:</i> Personal Health Populations, Resources, & Environments Natural Hazards

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I Fishy Who's Who	PWA	yes	1, 2, 3, 4, 5	<input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Form and Function <i>A - Science as Inquiry: Abilities Necessary to do Scientific Inquiry</i> Understanding About Scientific Inquiry <i>C - Life Science:</i> Structure & Function in Living Systems Reproduction & Heredity Regulation & Behavior Populations & Ecosystems Diversity and Adaptations of Organisms <i>D - Earth and Space Science:</i> Structure of the Earth System Earth's History
I Micro Odyssey	PWA	yes	1, 2	<input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Form and Function <i>A - Science as Inquiry: Abilities Necessary to do Scientific Inquiry</i> Understanding About Scientific Inquiry <i>C - Life Science: Structure & Function in Living Systems</i> Reproduction & Heredity Regulation & Behavior Populations & Ecosystems <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science & Technology

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I Wetland Metaphors	PWA	yes	1	<ul style="list-style-type: none"> ⊙ ○ ● ○ ○ ○ ⊙ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Form and Function <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry <i>C - Life Science:</i> Populations and Ecosystems <i>F - Science in Personal and Social Perspectives:</i> Populations, Resources, & Environments
I Where Does Water Run?	PWA	yes	1 & 3	<ul style="list-style-type: none"> ⊙ ⊙ ● ○ ○ ○ ● ● ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Evolution & Equilibrium Form & Function <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems <i>D - Earth and Space Science:</i> Structure of the Earth System

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III Aquatic Roots	PWA	yes	2	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models & Explanation Constancy, Change & Measurement Evolution & Equilibrium Form and Function <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Structure and Function in Living Systems Reproduction & Heredity Regulation & Behavior Populations & Ecosystems Diversity & Adaptations of Organisms <i>F - Science in Personal and Social Perspectives:</i> Personal Health Populations, Resources, & Environments Natural Hazards Risks and Benefits Science and Technology in Society

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III Dragonfly Pond	PWA	yes	2, 3, 5, 6, 7	<ul style="list-style-type: none"> ⊙ ⊙ ○ ⊙ ⊙ ○ ○ ○ ● ⊙ ○ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Regulation & Behavior Populations & Ecosystems <i>D - Earth and Space Science:</i> Structure of the Earth System <i>E - Science & Technology:</i> Abilities of Technological Design Understanding About Science and Technology <i>F - Science in Personal & Social Perspectives:</i> Personal Health Risks & Benefits <i>G - History and Nature of Science:</i> Nature of Science

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III Puddle Wonders!	PWA	yes	1, 2, 4	<input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>C - Life Science:</i> Reproduction & Heredity Regulation & Behavior Populations & Ecosystems <i>F - Science in Personal and Social Perspectives:</i> Populations, Resources, & Environments Natural Hazards
III Something's Fishy Here!	PWA	yes	1, 2, 3	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, & Organization Evidence, Models, & Explanation Constancy, Change, & Measurement Evolution and Equilibrium <i>A - Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding About Scientific Inquiry <i>B - Physical Science:</i> Properties & Changes of Properties in Matter Motion & Forces Transfer of Energy <i>C - Life Science:</i> Structure and Function in Living Systems Reproduction & Heredity Regulation & Behavior Populations & Ecosystems

				<ul style="list-style-type: none"> ⊙ ○ ○ ● ● ○ ● ● ● ○ 	<p>Diversity & Adaptations of Organisms</p> <p><i>D - Earth and Space Science:</i></p> <p>Structure of the Earth System</p> <p>Earth's History</p> <p><i>E - Science & Technology:</i></p> <p>Abilities of Technological Design</p> <p>Understanding About Science & Technology</p> <p><i>F - Science in Personal and Social Perspectives:</i></p> <p>Personal Health</p> <p>Populations, Resources, & Environments</p> <p>Natural Hazards</p> <p>Risks and Benefits</p> <p>Science and Technology in Society</p> <p><i>G - History and Nature of Science:</i></p> <p>Science as Human Endeavor</p> <p>Nature of Science</p> <p>History of Science</p>
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