

Water Field Study

Key:

⊛ = Strongly Aligned

✓ = Aligned

* = Minimally Aligned

DCI = Disciplinary Core Idea

PE = Performance Expectation

Crosscutting Concepts

Scientific Practices

	Cause & Effect	Structure & Function	Systems & System Models	Scale, Proportion, & Quantity	Stability & Change	Energy & Matter	Patterns	1. Asking and Defining Questions	2. Developing and Using Models	3. Planning and Carrying Out Investigations	4. Analyzing and Interpreting Data	5. Using Mathematics and Computational Thinking	6. Constructing Explanations and Designing Solutions	7. Engaging in Argument from Evidence	8. Obtaining, Evaluating, and Communicating Information	Curriculum During
Watershed DCI: LS2.C; ESS3.C; LS4.D; ETS1.B; ESS2.C PE: LS2-4; LS2-5; ESS3-3; ESS2-4	⊛	✓	✓					⊛	⊛				⊛			<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Water pH DCI: LS2.C PE: LS2-4	✓							⊛		⊛	✓			✓		<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Riparian Habitat Survey DCI: LS2.C; ESS3.C; LS4.D; ETS1.B; PE: LS2-4; LS2-5; ESS3-3	⊛	✓		✓						✓	✓			⊛	✓	<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Dissolved Oxygen/Temperature DCI: LS2.C PE: LS2-4	✓	✓		✓				✓	✓	✓	✓			⊛		<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Turbidity DCI: LS2.C PE: LS2-4	✓							✓		✓			✓	⊛		<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Aquatic Life (Critter Catch) DCI: LS1.B; LS2.A PE: LS1-4; LS2-1	⊛	✓				✓				✓		⊛		⊛		<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Stream Morphology DCI: LS2.C; LS4.D; ETS1.B; ESS2.A; ESS2.C PE: ESS2-2; LS2-5	✓				⊛	⊛			✓				⊛	⊛		<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Water Cycle DCI: ESS2.C; ESS2.D; PS1.A PE: ESS2-4; ESS2-6; PS1-4*	✓			⊛	✓		⊛	✓		⊛					✓	<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Stream Flow DCI: ESS2.C PE: ESS2-4	⊛				✓	✓					✓		⊛		✓	<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day

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Microscopes/ Aquatic Food Pyramid DCI: LS2.B; LS1.C PE: LS1-6; LS2-3	✓		⬤		⬤				⬤					✓	✓	<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
Water Bottle Intro DCI: ESS3.C PE: ESS3-4	⬤		✓		✓			✓		✓	✓	✓		⬤		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
Anadromous Fish DCI: LS1.B; LS2.C PE: LS1-4; LS2-4	⬤	✓			⬤	✓			✓					⬤		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
Waste Water Treatment DCI: ESS3.C; LS2.C; LS4.D; ETS1.B PE: LS2-5; ESS3-3	⬤		✓		⬤				✓				⬤	⬤		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
Water Power DCI: LS2.C; ESS3.C; LS4.D; ETS1.B; ESS2.C; PS3.A; PS3.C PE: LS2-4; ESS3-3; LS2-5; ESS2-4; PS3-2*	⬤		✓		⬤	⬤			⬤				⬤	⬤		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
Water Conservation DCI: ESS3.C PE: ESS3-3	⬤				✓	✓		✓					⬤	✓		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day