

Suggested Timeline - with a Salmon Tank

Salmon and Their Habitat

Unit	Lesson/Task	Approximate Time Required	Schedule
Introduction	Standards and Overview	n/a	n/a
Unit RS: Raising Salmon - Getting Ready - Teacher Only	RS-1 Program Registration and Teacher Agreement	30 minutes	October
	RS-2 Aquarium prep: inventory, training, inspect, clean, operational check (Give Probe 1-1 BEFORE students see tank)	60 - 120 minutes (more if teacher workshop offered)	October
	RS-3 Aquarium Readiness to accept eggs (Give Probe, 1-1 BEFORE students see tank)	60-120 minutes	First day after Winter Break
	RS-4 Pick up salmon eggs (Give Probe 1-1 BEFORE students see tank)	60-120 minutes	First week in January
Unit 1: Setting the Stage for Investigation	1-1 - Formative Assessment Probe (Give this before students see tank)	45 minutes	Before students see the tank
	1-2 - Probe Review	30 minutes	
	1-3 - Phenomenon & Investigative Question	60 minutes	
Unit RS: Raising Salmon - Salmon Tank Monitoring - Students with adult supervision	RS-5 Tank Checklist	30 minutes	Weekly after tank set up
	RS-6 Monitoring Calendar COMING 2020-2021 SCHOOL YEAR	30 minutes	Weekly after tank set up
	RS-7 When Will They Hatch	30-60 minutes	Day eggs are received
Unit RS Field Trip (RS FT): Prep	RS-FT-1 Submit Field Trip Request- Teacher Only	30 minutes	late January
Unit 2: Getting to Know Salmon	2-1 - Life Cycles	Multi-day. See lesson	Jan to Mar
	2-2 - Structure, Function, Information Processing	60-90 minutes	
	2-3 - Salmon Traits	120 minutes	
Unit 3: Habitat	3-1 - You Ain't Nothing but a Hound Dog	45-60 minutes	Jan to Mar
	3-2 - Modified Hooks and Ladders COMING 2020-2021 SCHOOL YEAR	Setup: 15-30 minutes Game: 30-45 minutes Discussion: 30 minutes	
Unit RS-FT: Engineering Activity	RS-FT-2 - Engineering Activity - Salmon Release Tool (Optional for field trip)	Several days concurrent with other lessons	Begin in February
	3-3 - Performance Task: Saving Our Salmon: Clean Water	Part 1: 60-90 minutes Part 2: 70 minutes	

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	3-4 - Salmon Stream Design	150 minutes over multiple days	Jan to Mar
	3-5 Virtual Scavenger Hunt (in addition to or in lieu of a field trip)	60 minutes	
Unit RS-FT: Field Trip	RS-FT-3 Salmon Release Field Trip	3 hours. Need transportation	March
Unit RS Tank Clean Up	RS-8 Tank Cleanup and Storage	1-2 hours	After field trip
Unit 4: Summative Assessment	4-1 - Revisit and Revise: Salmon Stream Design	30-60 minutes	March to May or post Field Trip
	4-2 - Wanted Poster	Multi-day. See lesson	
	4-3 - Revisiting the Probe	30 minutes	
Resources	Field Trip Opportunities and Websites		
	Good Fit Books		
	Performance Task - Save Our Salmon-Water Flow		
	Salmon Field Guide: Kitsap Edition, links		
	Salmon in the Classroom Aquarium Maintenance Manual (for those raising salmon)		
	Videos		
	Vocabulary		
Blackline Masters	Clear Creek Salmon in the Classroom Aquarium Use Agreement		
	Helpful Hints to Remember our Pacific Salmon!		
	Pacific Salmon Species Chart		
	Pacific Salmon Species Fact Sheet		
	Phenomenon – Salmon and Their Habitat		
	Phenomenon – Salmon Release Site Photo		
	Probe: What Makes a Good Salmon Stream		
	Puppies and Their Parents		
	Salmon Body Parts		
	Salmon Head and Tail		
	Salmon ID Poster 11 x 17		
	Salmon Release Tool Challenge		
	Salmon Stream Design Gallery Walk Feedback		
	Salmon Tank Checklist Monitoring Weekly Summary		
	Salmon Trait Data Collection Sheet		
	Salmonid Life Cycle Diagram		
	Scaffold – Environmental Effects on Inherited Traits		

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	Tank Checklist		
	Task: Saving Our Salmon: Clean Water		
	Thermal Unit Chart		
	Virtual Scavenger Hunt		
	Wanted Poster Guide		
	When Will They Hatch Calendar		
	When Will They Hatch Worksheet		
	You Ain't Nothing But a Hound Dog		
Feedback	Please use the link on the website to provide feedback on lessons.		