

Storming the Sound AGENDA

8:30 am: Doors Open

9–9:30 am: Keynote and Q&A with Chris Townsend, Puget Sound Partnership

9:30–11:30 am: Breakouts -- Session 1

1a	Using Art in Nature: Learn basic drawing and observation techniques while making your own nature journal. Follow in the footsteps of true naturalists, explorers and scientists like Charles Darwin, John Muir, John Audubon and Lewis and Clark. Contrary to common belief, you don't need to be a great artist to capture valuable information through journaling. Lucia Harrison, professor of Visual Arts at The Evergreen State College will show examples of a variety of nature journals and journal techniques. Participants will practice drawing from nature.
1b	Out standing in Your Field: Please join Erica Baker, with Pacific Education Institute, as you explore and observe the local ecosystem while learning ways to involve students in simple field investigations. Participants will conduct several investigations while looking at the interconnections within a system and the impacts that changes (both human-caused and natural) can have on organisms and their environment. Through this workshop, you will receive templates and documents for use back at your home site.
1c	Walk the Refuge: Learn about the education resources that the Nisqually Wildlife Refuge has to offer and join Environmental Education Coordinator, Marcelle Cardenas, on a "Habitat Comparison" walk around the Twin Barns Loop trail. This activity is featured in the educator's guide, <i>Where the River Meets the Sound</i> .

11:30–12:30 pm: **Lunch and Poster Session**

12:30 – 1:30 pm: Breakouts -- Session 2

2a	Nature's Reach - Sea For Yourself: This session will focus on field based science inquiry through beach exploration. Jaenine Toth, Education Director for the Nisqually Reach Nature Center will lead participants through one or two examples of beach surveying programs that the Nisqually Reach Nature Center offers to students of all ages. Come see an affordable field trip for your students or learn how to adapt your own simple questions into a scientific field based study.
2b	Protecting the Climate: Learn about Puget Sound Energy's education action programs with Lynne Dial. This workshop will introduce participants to two energy education programs offered by Puget Sound Energy. Powerful Choices for the Environment is a middle school in-class program on resource conservation. The Cool School Challenge engages teachers and students in reducing greenhouse gas emissions.
2c	A River Runs Through It: Learn about how the water from your local stream mix with saltwater in Puget Sound with Ann Mills of South Sound Green and Sheila Wilson of the Nisqually River Education Project. Discover two watershed education

	programs in the South Sound and how you and your students can be involved with stream investigations, estuary studies, and the connection to Puget Sound! Take home activities, inspiration, professional connections, and community resources.
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1:30 – 1:45 pm: **Coffee Break**

1:45 – 2:45 pm: Breakouts -- Session 3

3a	Engaging Sustainability: Dave Wilton of Facing the Future teaches this hands-on session. He presents an easy-to-use, interdisciplinary, standards-aligned curriculum to engage students in interactive lessons promoting critical thinking on global issues and sustainable solutions. Facing the Future curriculum uses a systems framework to examine the linkages between the environment, economy and society. Participants will explore how to make complex issues that affect people and the planet relevant to your community. Each participant will receive a complementary book of <i>Facing the Future</i> curriculum for grades K-5 or 5-12.
3b	Under Sail: Join marine scientists and educators from Salish Sea Expeditions to learn more about inquiry-based education in the classroom and under sail. Unique learning opportunities abound aboard the sailing research vessel Carlyn, prioritizing student-inquiry and the linkage between classroom science and authentic student-directed research on Puget Sound. Learn strategies for incorporating inquiry-based investigations into the classroom or in the field, and how to promote critical thinking in students' original field explorations. Find out how your 5th-12th grade students can participate in a multi-day research expedition with our seasoned crew, designing all aspects of the voyage, including all data collection, ship operations and navigation, group meals, and the cruising and camping itinerary.
3c	“Hands On” Environmental Science - Join Pat Wald, curriculum designer for the Hand's On Children's Museum - she'll be sharing ideas from the Museum's art and environmental science programing that you can use in your classroom with K-5th, or any age that likes to have fun learning. Make a square bubble to learn about energy efficient building design, excavate a chocolate chip cookie to experience the effects of coal mining, create a mask that lets you see like an owl.

2:45 – 3:45 pm: General Session

Learning through Story: Storytelling is a vehicle that has transcended generations and, in so doing, has conveyed from adult to child lessons about life and the world we live in. Stories from the past, as well as oral histories, are time-honored ways that past cultures have shared how to respect their fellow man and the earth that all share. Many lessons taught through stories of Native Americans can and may be fruitfully applied to today's concerns, regardless of the hearer's background or culture. Join Steve Robinson with the Northwest Indian Fisheries Commission, with a Native American Storyteller co-presenter, as they share the power of storytelling and native stories from the region.

3:45 pm: Closing remarks, door prizes and clock hours

4:00: Clean up

