STEM Education Innovation Alliance

MEETING AGENDA

DATE  Wednesday, February 14, 2018
TIME  8:45 AM to 2:00 PM
LOCATION  Washington State Capitol Campus
            John A. Cherberg Building
            298 15th Avenue SW
            Olympia, Washington 98504
            Conference Room A-B-C

TOPIC  Science, Climate and Environment Day

8:30  Beverages – coffee, iced tea, water
      Student displays available

8:45  Welcome | Introductions | Announcements | Updates
      Gene Sharratt, Co-Chair STEM Education Innovation Alliance

9:00  State of Washington Governor Jay Inslee
      Goals for climate change and science education

9:20  Presentations on science, climate & environment by students and industry associates
      Gene Sharratt, Moderator

9:30  COLUMBIA CREST A-STEM ACADEMY
      Ashford, Washington | Eatonville School District
      Grade Levels: K-2
      Project Title: Upcycling, Terracycling and Red Worms: How to Be a “Green” Sustainable School

      Community & Industry Partners
      Nisqually Education Project, Mount Rainier National Park Rangers, Pierce County Conservation Partners
9:45  **BORDEAUX ELEMENTARY SCHOOL**  
Shelton, Washington | Shelton School District  
Grade Level: 4  
Project Title: **Environmental Factors Affecting Salmon**  

**Community & Industry Partners**  
Pacific Education Institute, South Sound Salmon Enhancement Group, Taylor Shellfish  

10:00  **EVERGREEN MIDDLE SCHOOL**  
Everett, Washington | Everett School District  
Grade Level: 8  
Project Title: **Energy Matters: Applying NGSS to Energy Conservation in Schools**  

**Community & Industry Partner**  
Washington Green Schools (funded by Boeing Corporation and Washington State Department of Commerce)  

10:15  **TAHOLAH HIGH SCHOOL**  
Taholah, Washington | Taholah School District  
Grade Level: 9  
Project Title: **Hypoxia**  

**Community & Industry Partners**  
Quinault Indian Nation Tribal Council & Elders, Quinault Department of Natural Resources, University of Washington, University of Oregon, Western Washington University, Northwest Indian College, Taholah School District Board Members  

10:30  **SUMNER HIGH SCHOOL**  
Sumner, Washington | Sumner School District  
Grade Levels: 9-12  
Project Title: **The Biological Hazards and Toxicity of Chloride Road Deicers to Ceriodaphnia Dubia**  

**Community & Industry Partner**  
Washington State University Puyallup Research and Extension Center – Washington Stormwater Center
10:45  **COLTON HIGH SCHOOL**  
Colton, Washington | Colton School District  
Grade Level: **10**  
Project Title: **Soil Health Benefits of Cover Crops and Grazing Cover Crops**

**Community & Industry Partner**  
Palouse Conservation District - Regional Conservation Partnership Program

11:00  **TESLA STEM HIGH SCHOOL**  
Redmond, Washington | Lake Washington School District  
Grade Levels: **11-12**  
Project Title: **Operation Sustain**

**Community & Industry Partners**  
University of Washington Earth Games, Code 4 Charity, Seattle Youth Climate Action Network

11:15  **TESLA STEM HIGH SCHOOL**  
Redmond, Washington | Lake Washington School District  
Grade Level: **11**  
Project Title: **Schools Under 2C**

**Community & Industry Partners**  
City of Redmond (SchoolPool), King County Green Schools Program, Alliance for Jobs & Clean Energy, Sustainability Ambassadors

**Jeff Estes, Board Member,** Washington State Board of Education  
**Alissa Muller, Communications Manager,** Washington State Board of Education

11:40 Discussion: Updating the environmental and sustainability literacy plan (Senate Bill 6421) and Next Generation Science Standards  
**Lisa Eschenbach, Strategic Advisor,** E3 Washington

11:50 2018 STEM Education Report Card & Legislative Highlights  
**Maddy Thompson, Senior Policy Advisor,** Washington State Office of the Governor
12:00  Working Lunch | “Importance of science and technology education in Washington”

Superintendent of Public Instruction Chris Reykdal

Washington State Senator Reuven Carlyle D-Seattle (36th Legislative District)

Link between student-learning engagement and reducing greenhouse gases
Abby Ruskey, Fellow, U.S. Partnership for Education for Sustainable Development

1:00  Student Science Projects – Projects will be setup in meeting room and time available for visiting with students and industry partners

2:00  Adjourn

Opportunities for STEM Alliance members to visit with legislators during afternoon

NEXT MEETINGS:

May 2018 – Location and date to be determined.

October 2018 – Meeting in conjunction with:
   North American Association for Environmental Education 47th Annual Conference
   “Environmental Education: A Force for the Future”
   October 10-13, 2018
   Spokane Convention Center | Spokane, Washington