

Seaquaria Developments October 2006 – August 2007

Our Network is building strength and has helped leverage new sources of funding and collaborations. Training and Networking now includes 19 teachers/staff and their schools/community centres in 6 school districts throughout Vancouver Island and parts of mainland B.C.

- Seven new *Seaquaria* programs in place since last fall (Esquimalt High, Lansdowne, Pleasant Valley, SIDES, Strawberry Vale, Tillicum, Tsartlip Band School)
- three new schools confirmed for fall 2007 (Frances Kelsey, Marigold, SMUS)
- partnerships/exchanges with Brazilian classrooms in progress

Resource Development

- Revised Electronic version of Teachers' support manual for teachers (in test & edit phase)
- Lesson Plan template ready (in first test & edit phase)
- "Creature Feature" template developed & tested; compilation of 12 most common & popular species in progress
- Visit <http://www.worldfish.org/projects-na.htm#Seaquaria> for access to Seaquaria news & resources

Technical & Professional Support

- Building Esquimalt High student "environmentor" team
- Building UVic Biology volunteer student support team ("Adopt a *Seaquarium*")

Evaluation

- In progress, through partnerships with SFU (David Zandvliet), graduate student research & presentations by *Seaquaria* teachers (Mary, Lauren, Patsy) & Fisheries & Oceans Canada
- student evaluation being built into lesson plan templates

Classroom/Outreach Programs

- "Scientists as Observers" (Vic West & Tillicum Schools)
- "Emerging Scientists" Shoreline Surveys (Lansdowne & Willows Schools)
- "Bringing the Ocean into Schools & Schools to the Ocean" (Rogers, Vic West, Willows, Campus View)
- Canada-Brazilian classroom exchange now underway (Alphabet Book & Letters (Pacific Heights & Beira Rio Schools))

Outreach & Public Education

- "Vic West Fest" at the Victoria West Community YM/YWCA, Victoria, B.C. (May 2007; approx. 400 Victoria residents attended the *Seaquarium* and Gorge Watershed model presentations; Esquimalt High students participation)
- "Canada Day Celebrations" at Gorge Park, Victoria (July 2007; approx. 1500 Victoria residents and tourists visited the *Seaquaria* & Gorge Watershed Model displays (Esquimalt High students participation)

Conferences & Presentations:

- Cathy presented a poster and power point presentation: *Seaquaria in Schools: A Novel Cornerstone to Integrated Learning* at the First National CRYSTAL Conference in Edmonton, in November.
- Mary presented the Seaquaria poster and related classroom work at an environmental education forum at UBC in May, as part of a graduate school course in education at UBC.
- Lauren presented a power point slide show in June ("Mentoring: helping high risk vulnerable learners become student mentors") that summarizes the classroom work and lesson plans she developed as part of a graduate school course in education at SFU.

Publications

Carolsfeld, C. & Carolsfeld, J. (2007, In Press). Seaquaria in schools. *Establishing Guidelines for Environmental Education Based on Environmental Ethics*, Asia-Pacific Network for Global Change Research, Konan University, Kyoto, Japan.