



*“Environmental & Outdoor Education helps students develop a powerful relationship with the natural world,, understanding ecological systems, and develop the communication and the negotiation skills to speak for those systems within the social and political structure of our built societies.”*

**Selena Metcalf** – Surry Teacher & President of EEPsA

EOL

Environmental & Outdoor Learning

Year at a glance

2019-2018

Introduction

Review EOL Mission &  
Goals

EOL year at a glance

2019-20 Goals

Ask



# Serina Allison

- **BA and BEd** – Specialized in Outdoor Experiential Education & Environmental Science
- **Experience teaching Secondary Level**
  - Math
  - Science
  - Social Studies
  - History
  - Geography
  - PE
- **Wilderness Guiding** – Since 2004 Sea-Kayaking lead guide, hiking, winter camping
- Extensive Wilderness **First Aid** Training
- 17 yrs **Lifeguarding** and water safety instruction
- Environmental and Outdoor Enthusiast
- And a mom!



## Environmental & Outdoor Learning

### Mission

*To instill caring, growth, and collaboration, through an interdisciplinary Environmental and Outdoor Education Program, that promotes long-lasting connections with the environment and educational community.*



# EOL Goals for Year 1

- ✓ EOL resources & Website
- ✓ Community Outreach
- ✓ Research field excursions & extended expeditions
- ✓ EOL Curriculum Framework
- ✓ Teacher support
- ✓ Build Capacity



# SD71 Initial Report

- Existing outdoor programs
- Champion teachers
- School gardens
- Access to outdoor space

## Obstacles

- Transportation
- Forms & Policy
- Funding



**Comox Valley Schools**

**A Community of Learners**

**INNOVATIVE • INQUISITIVE • INCLUSIVE**

# EOL Network Group

- Rep from each school
- x2 meetings
- Collaboration & brainstorming
- Help with communications to their school





Climate change

Energy

Food/Agriculture

**Nature Connections**

Oceans

Water

## Nature Connections



One touch of nature makes the whole world kin.

~ William Shakespeare

# EOL Website





PROJECT WATER SHED



MARS WILDLIFE RESCUE CENTRE  
Comox Valley Farmers' Market

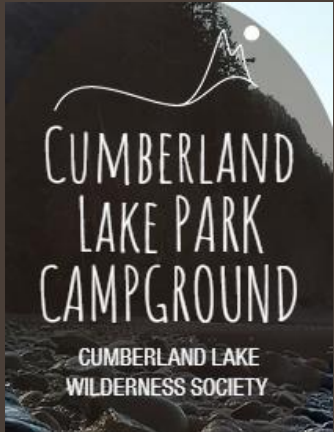
NORTH ISLAND COLLEGE



LUSH VALLEY



COMOX VALLEY LAND TRUST



# Courtenay Fish & Game

- Relationship building
- SD71 & CFG youth programming committee
- **X4 SD71 pilot groups**
  - Camping
  - Dragon Boating
  - Boom town-historical period presentation
  - Archery
  - Project watershed
  - Fishing – stocked pond
  - Team building
  - Service Project-broom busting
  - Nature & survival activities





National Archery in the Schools Program

Cumberland Community &  
Lake Trail Community  
Schools

PE unit grades 6-9  
Approx . 800 students

8 in-district trained Basic  
Archery Instructors

Regional Tournament

Expansion to High schools



# Nature Walks

Brooklyn El.

15 classes participated

Approx. 330 students

Grades k-7

3 supported outings

\*Extending into next  
years school plan\*





# Trades

- 15 students from Vanier Trades Sampler program
- Full day field trip - local locations
- **Focus** - heavy duty machine operation in sensitive habitats
- Environmental Technician from Current Environmental

# Ocean Plastics Unit

- Mark R. Isfeld Secondary
- Approx. 160 Grade 9's
- French & English
- Interdisciplinary
- Field Excursion – Deep Bay Marine Field Station
- Creation of Secondary Ocean Plastics Kit- EN & FR
- Action Projects

*"The most meaningful & relevant unit of the year"*






# School Group Pass

- Discounted Price- Flat rate \$30
- **Phase 2:**
  - Educational “Kids Ride Program”
  - Pro D- Trip planning and school field trip opportunities

- 5 day experiential camp
- Issues    The Team    Action**
- 37 young women  
(23 SD71)
- Tribune Bay Outdoor Centre-Ocean Wise-SD71
- 4 grade 12 credits
- Internationally renowned Guest Speakers

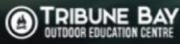


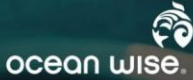
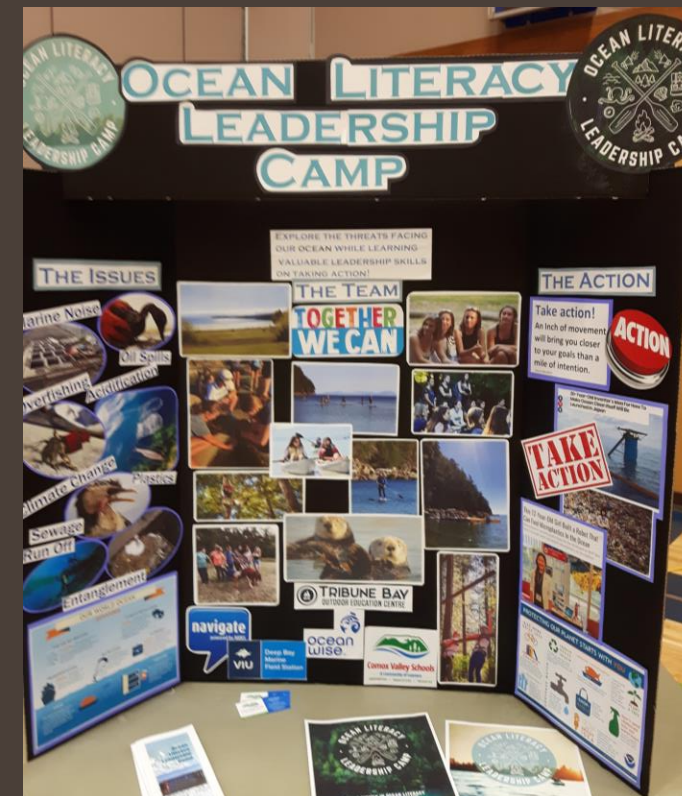


**OCEAN LITERACY LEADERSHIP CAMP**

**YOUNG WOMEN IN OCEAN LITERACY**  
A MARINE CONSERVATION AND LEADERSHIP CAMP

HORNBY ISLAND | JULY 14 – 19  
Explore the threats facing our oceans while learning valuable leadership skills.

LEARN MORE AND REGISTER  
AT [TRIBUNEBAYOUTDOORED.CA](http://TRIBUNEBAYOUTDOORED.CA)

**2018/19 Ocean Literacy & ...**  
YPR-12B



A group of people, including children and adults, are walking along a beach at dusk. The sky is dark, and the water is visible in the background. Utility poles are visible in the distance. The overall scene is dimly lit, with the primary light source being the ambient light from the setting or rising sun.

## School Support

- Arden Grade 2/3 water unit
- Puntledge Earth Week
- CCS – “Be you be active” event
- Stream Keepers group Huband
- Student mentorship Vanier & Isfeld
- Highland Eco-Team
- Isfeld Eco-Fair
- Connecting teachers
- Resources sharing
- Food Literacy movement
- Sustainable Practices movement

Evidence that Environmental and Outdoor Learning can be incorporated into all aspects of learning in SD71.



# Alignment of a EOL K-12 integrated curricular framework

- Develop K-12 resources & web hub through Learn 71
- Support development of school-based EOL action plans
- Collaborate on Program Development at Tribune Bay, with district teachers, & EOL Teacher Network committee
- Development of liaison with community networks
- Support field study initiatives & opportunities

## Primary Years

- Outdoor Play
- Outdoor Exploration
- Caring for animals
- Growing Gardens
- Recycling
- Composting
- Litter less Lunch
- Stories about powerful places
- First Nations Stories of Place
- Intro. To Environmental Inquiry

## Intermediate Years

- Outdoor pursuits
- Leadership in Schools
- Caring for animals & habitat
- More complex Environmental Inquiry
- Citizen Science
- Leadership in garden use
- Intro. to Environmental Justice issues

## Secondary Years

- Extended outdoor pursuits
- Citizen Science in their larger community
- Involvement in local habitat protection
- Deeper understanding of Environmental Justice issues
- Active participation in community consultation
- Critical thinking on controversial issues
- Leadership in school & community gardens
- Creation of stories of powerful places

# Goals for 2019-20

**S** - Sustain Environmental practises supported by the growth of outdoor experiences

**M** — Increase in program opportunities



**A** — Strategic Plan, Government support, community support, global movement

**R**- Yes, 21<sup>st</sup> century

**T** — by 2022

- **Environment:**

Climate change unit & kit with CST & INED, web resources, Cool it! Challenge

- **Youth support:**

Youth Workshop to support activism, programming TRU-Tribune Bay-Strathcona Park

- **Nature Programming**

Inquiry mentorship, School Based Pro-d

- **Outdoor Recreation:**

District Canoe program & support

- **EOL Network:**

X3 meetings, report at staff meetings, newsletter, EOL web expansion

- **Community Network:**

outreach, CFG, waste management program, connected by water program, Nature Educators & Field Trip Fair

- **Food Literacy & Sustainability:**

Farmer outreach and field excursions, web resources

- **Capacity:**

Pro-D "Environmental Optimism", Nature excursion programs, CFG orientation, Canoe Instructor training, streamlined risk management protocol.

- **Transportation:**

Public Transit – planning & field trip opportunities, alternative transit opportunities

# Ask

To be Bold and Brave and to ACT on the districts Strategic Priority in Organizational Sustainability & Environmental Stewardship at all levels with full commitment.



Training  
Interviews  
Sustainable Practices  
All departments

Lead by example  
Intention vs. Action  
Full confidence  
Budget



**“Change will not come  
if we wait for some  
other person or some  
other time. We are the  
ones we’ve been  
waiting for. We are the  
change that we seek.”**