

MainstreamS

We are an environmental non-profit society based in Kimberley British Columbia

Our volunteer Board are all passionate about water and water issues

Our educational program consists of:

- Creek Science Program
- Stream Trailer Program

Mainstreams also coordinates:

- Stream Habitat Restorations
- The Columbia Basin Water Quality Monitoring Program

To book our Water Education program contact Jim or Laura Duncan
(250) 427-2600 - waterjim@shaw.ca



Water Education Where it Counts



Stream Trailer Creek Science

Sponsored in part by:

MainstreamS
www.mainstreams.ca



Stream Trailer

What is it?

It's a (6' x 8') trailer with a stream table filled with aquarium sand, a reservoir and a water pump. Water flowing through the sand demonstrates erosion.



What are lessons like?

Each lesson includes:

- Hands-on student participation
- Demonstrations of erosion
- Focus on seasonal impacts
- Focus on land use impacts
- The function of the Riparian Zone
- The importance of vegetation
- How culverts work
- Are dams easy?

- Lessons are 40 minutes
- Capacity of 2 classes in the morning and 2 in the afternoon
- Large classes can be split



Book the Stream Trailer Program by contacting Jim or Laura Duncan at (250) 427-2600 or by e-mailing us at waterjim@shaw.ca

Creek Science

What is it?

It's a series of field-based lessons designed to combine science and math skills while having fun!

The curriculum can be applied from Grade 2 to College and is integrated with BC Education outcomes for Math and Science IRPs.

Teachers can select units from our 18-page guide.

Go to our website www.mainstreams.ca for a copy of the guide.



We do one class at a time with two presenters

We work in small creeks only and can do two classes in morning and one class in the afternoon

Grants cover all program delivery costs except for buses.

Book the Creek Science Program by contacting Jim or Laura Duncan at (250) 427-2600 or by e-mailing us at waterjim@shaw.ca



What do the lessons cover?

Lesson Units include:

- Measuring Creek Speed
- Measuring Streambed Rocks
- Finding Water Critters: (Macro Invertebrates)
- Measuring Creek Flow (advanced)
- Habitat assessment (advanced)

