



SASKATCHEWAN MINI-ENVIROTHON

What is Envirothon?

Envirothon is an exciting competition where students exercise their environmental training and problem-solving skills in an **outside** competition centered on four testing categories - soils/land use, aquatic ecology, forestry and wildlife - and a current environmental topic which changes yearly.

Grade 7 and 8 Classes

Project Climate Change Presentation Question

How can your students help reduce their carbon footprint on the environment?

- Each class is given \$50 to develop and implement a class project on climate change at their school. Receipts are necessary for reimbursement.
- The competition is open to all Saskatoon and area schools, with a limit of 10 teams.
- Students will create a 1 minute Infomercial to explain project.
- The class/teacher will choose the infomercial to be presented at the competition.
- 5 students will be chosen from the class to participate in the event.
- These 5 students will present their Infomercial to a panel of judges during a 5 minute presentation, detailing the project and the results of their efforts to combat climate change.

The Infomercial on your project will need to include the following:

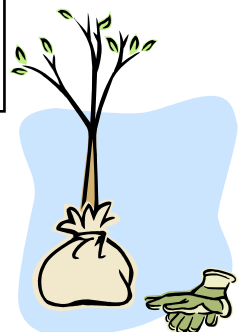
- Why you should be involved.
- How you can participate.
- What the class project is.

Agenda for the Mini-Envirothon Tuesday, October 20, 2009

9:30 - 9:45	Registration
9:45 - 10:00	Instructions & Site Guidelines
10:00 - 12:00	Trail Test with 11 stops at Brightwater Science & Environmental Centre
12:00 - 12:30	Lunch (Pizza)
12:30 - 2:00	Oral Presentations & additional activities
2:00 - 2:30	Awards Ceremony
2:30	Journey Home

Examples of Class Projects and Infomercial

- anti-idling
- planting plants or trees
- encourage bike riding
- newsletters or website pages
- recycling
- energy audit and energy conservation





Project Climate Change

Project Infomercial Mini Envirothon

Climate change is a shift in long-term average weather patterns, which can include changes in temperature and precipitation amounts.

Canada's climate is changing: temperatures are rising, particularly in the Arctic, where permafrost is thawing and the ocean's ice cover is shrinking. Even greater changes are expected in the future, including a continued rise in temperatures, shifts in rainfall patterns, and increases in certain types of hazardous weather, such as heavy spring rains and heat waves.

When?

The Mini-Envirothon is taking place Tuesday,
October 20, 2009

Where?

Brightwater Science & Environmental
Centre

How can your class/group help?

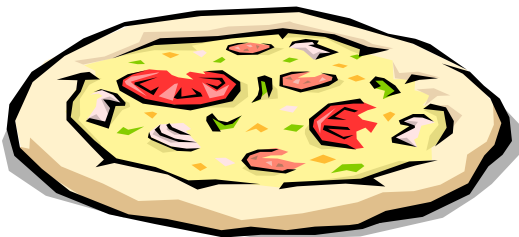
- Develop a project to reduce or offset the impacts of climate change. We are giving you a \$50 grant to help. You will need to provide receipts to be reimbursed.
- Create an Infomercial highlighting your project. You can use video equipment, cell phones, cameras or any other type of electronic recording equipment. See next page for further details.

Who attends the event on October 20, 2009?

- Choose 5 students from your grade 7 and 8 classes to attend the Envirothon, plus a teacher/parent supervisor.
- These 5 students will give the presentation and write the test on behalf of the class.

What if your entire class does not want to participate?

If your entire class does not want to participate, a small group or an environmental club can participate as well. The prizes (pizza party, stress balls etc) would go to the environmental club or group instead of a class.



Prize Packages - Every student is recognized

- 1st Place: Pizza Party for the class + water drop stress balls
- 2nd Place: Prizes for the class + water drop stress balls
- 3rd Place: Prizes for the class + water drop stress balls
- 4th Place - 10th Place: Water drop stress balls

Registration and Further Information:

If you are interested in submitting a team and would like more information, please contact Lis at 306-665-6887 or visit online at www.saskriverbasin.ca.

Partners FOR the Saskatchewan River Basin
402 Third Avenue South
Saskatoon SK S7K 3G5

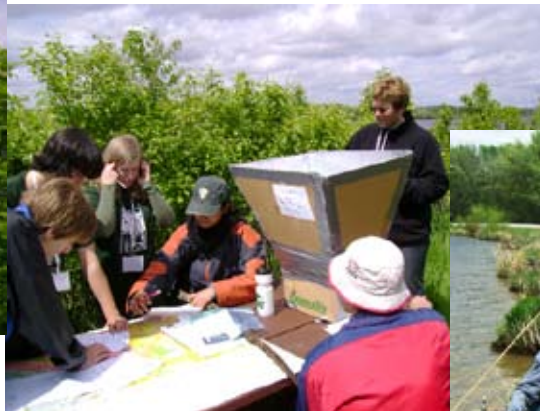


Phone: (306) 665-6887
Toll Free: 1-800-567-8007
Fax: (306) 655-6117

partners@saskriverbasin.ca
www.saskriverbasin.ca

Trail Test

- Students will receive fact sheets and information on the study topics.
- The topics include soils and land use, aquatics, forestry practices, wildlife and climate change.
- The test will be a two hour long competition, where students will take the information they have learned and apply it.
- The test will take place at Brightwater Science & Environmental Centre.
- There will be a series of stops along a pre-determined trail.
- At each stop, teams will answer various multiple choice questions on the topics.
- At each stop, there will be theoretical and practical questions. The theoretical questions will be taken directly from the study materials sent out in September. The practical questions will involve identification or analysis of the site. For example, identify the trees, animal tracks, soil texture.
- Books and keys will be provided at the stops for the identification. These keys and books will also be provided in the study materials.



SAMPLE QUESTIONS

1. Determine the texture of the soil sample. Equipment provided.
 - a. sandy
 - b. heavy clay
 - c. silty
2. _____ are the main cause of extinction and the principal threat to species at risk.
 - a) Humans
 - b) Asteroids
 - c) Evolution
3. Which of the following Prince Albert National Park wildlife species is currently listed as threatened in Canada's Species at Risk Act (2002)?
 - a) plains bison
 - b) woodland caribou
 - c) lake trout
 - d) American white pelican
4. Buffer zones should be located between _____ & water bodies or resources.
 - a) forests
 - b) upland developments
 - c) oceans
 - d) hiking trails



Project Climate Change

A project for the Saskatchewan Mini Envirothon

MAKE an Infomercial on Your Class Project!

Project Climate Change is a classroom project - a way to involve your entire class in determining ways to help reduce the effects of climate change. Everyone has the chance to become involved.

What is an Infomercial?

An Infomercial is a short (1 minute long) presentation that your group can compose to highlight your classroom project. You can use any kind of electronic recording equipment to make your Infomercial - cell phones, cameras or whatever you can think of.

Make it! Show it! Prove it!

Make a 1 minute infomercial. Each person in the class can make one, or students can do it in groups. Choose the Infomercial to submit to the mini-Envirothon.

Show the Infomercial to your student body or other classrooms.

Prove what your project has accomplished.



Oral Presentation at Mini Envirothon - What is needed in the presentation

- While this is a classroom project, only 5 students will attend the competition, completing the trail test and presenting only one Infomercial.
- The oral presentation is a 5 minute presentation.
- Tell how the students came up with their idea.
- Describe the project.
- Detail how the money was spent.
- What did the students do.
- Demonstrate the impact the project will have on their community, school and world.
- Show your video.

Presentation requirements

- We will need to receive your Infomercial in a digital format one week before the event, either by email, mail or in person.
- We will supply at the event the audio visual equipment necessary to show your Infomercial.
- We will supply your team with 5 que-cards that the students can bring along to the event to assist with their presentation.