

Fraser Valley Distance Education School - FIELD TRIP CONSENT FORM

Activity:	BC Museum of Mining FVDES Grade 4 – 9 students	Destination:	Britannia Beach/BC Museum of Mining
Date:	Wednesday, May 26, 2010	Event Time:	10:15 am – 2:45 pm
Travel By:	Bus or your own transportation	Departure/Return Time:	Please see attached document for schedule & information for bus pickup/drop off
Sponsor Teacher:	Pat Conrad & Dennis Miller	Supervision Provided By:	Teachers and Parents
Meals:	Snacks provided. Bring own lunch or money to eat at the Copper Restaurant	Accommodation:	N/A
Cost To Student:	N/A (Please see attached for parent fees)	Fundraising:	N/A
Additional:	Please wear suitable warm clothing including rainwear and running shoes (field trip will be mostly outside).		

Trish Williams

P. Conrad and D. Miller

Principal

Sponsor Teacher(s)

REGISTRATION:

STUDENT NAME	Grade	BC Medical #	Taking Bus Yes or No	Bus Location	Birthdate
Allergies or Other Medical					
Doctor		Phone #			
Emergency Contact		Phone #			

Names of Others that will also attend the Field Trip	Relationship to Student	Taking Bus Yes or No	Bus Location	Birthdate

I give my consent for _____ to take part in the field experience described above:

Parent/Guardian Name (please print)

Parent/Guardian Signature

Date signed

PLEASE NOTE: We are required by School District 33, ICBC and the Police to have a list of all persons riding the bus, including their full name, birthdate and phone number.

Elementary students must be accompanied by a parent or guardian.

This form must be received by FVDES before the fieldtrip. Call 604-794-2430 to register.

Fax registration form to 604-795-8480

or mail to FVDES Attn: Fieldtrips 49520 Prairie Central Rd, Chilliwack, BC V2P 6H3

Proof of Medical Insurance is required for trips outside of BC

The Board of School Trustees requires completion of this consent form for students participating in any school field experience outside of the school and activities of a special nature held on school district property. Regularly scheduled events require a one-time approval only.

B.C. Museum of Mining Field Trip

<http://www.bcmuseumofmining.org/>

For FVDES Grades 4 to 9 students

When: Wednesday, May 26th, 2010

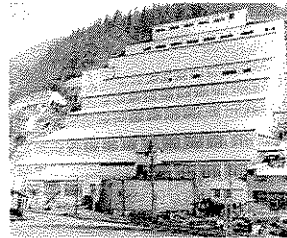
Activities:

Tunnel Tour: guided underground tour. Electric train transports group through a 400m tunnel. Group leaves train to visit two drill chambers to hear interpretations of mining/miners, and to experience working historic equipment (usually drill(s), mucking machine, carbide lamp) demonstrated by the Tour Guide. (Approximately 30 minutes)

Mill Building: guided visit into this building (National Historic Site) to see the building from inside, and to learn about the froth floatation process (method of ore separation partly pioneered at Britannia) via a demonstration led by the Tour Guide. (Approximately 15 minutes)

Exhibits: Teacher supervised time in indoor museum exhibits. Artifacts and photos interpret both Britannia and mining in B.C. (Approximately 20 minutes)

Gold Panning: Tour Guide will demonstrate techniques, and then group will pan for gold in troughs. School groups will be given sand/gold vials, so all students are guaranteed to find gold; other minerals can be found too. (Approximately 30 minutes)



Water Treatment: guided tour to the nearby EPCOR Britannia Mine Water Treatment Plant. Group travels 2 km by bus to this facility, to observe the plant from a viewing platform, before exploring interactive displays that mimic the actual water treatment plant process, supervised by a Tour Guide. (Approximately 60 minutes)

Video: group will watch one of our educational videos (pre-selected by the teacher) in our classroom space. (Approximately 30 minutes)

Discovery Area: teacher supervised time in our covered Geology Discovery Area. Hands-on exhibits feature fossils, rocks, classification, minerals and volcanoes. Area also includes our popular dinosaur footprints fossil (Approximately 15 minutes)

Gift Shop: purchases can be made from the gift shop. (Approximately 10 minutes)

Heritage Buildings: our site features a number of historic Britannia buildings and our 235 tonne Super Truck. Some of these will be interpreted during the tour.

Learning Outcomes:

Grade 4 and 5:

- simple machines change the effect of how much effort force is applied to the machine to do something useful
- simple machines include lever, wedge, inclined plane, screw, roller, axle, wheel, and pulley

Grade 6: Math

- represent and describe patterns and relationships using graphs and tables
- demonstrate an understanding of percent

Social Studies:

- describe the importance of trade for B.C. and Canada

Science:

- apply solutions to a technical problem (use of water to extract minerals)

HACE:

- relate personal attributes to various types of work

Grade 7: Science:

- assess the requirements for sustaining healthy local ecosystems
- compare the characteristics of the Earth's core, mantle, and crust, and describe the formation of rocks

Grade 8: English:

- compare and contrast mining methods from early 19th century to modern day.

Science:

- describe how water and ice shape the landscape
- describe factors that affect productivity and species distribution in aquatic environments

Grade 9: Social Studies

- identify factors that influenced growth and development of industry
- assess the role of geographical factors in the development of trade and settlement in Canada and other colonies

Student Cost: \$0 = nothing. The \$15.50 fee for Mine Tour, Water Treatment Plant Tour and Gold Panning, and \$10 per student bus costs: all absorbed by PAC and FVDES.

Cost of admission for parents is covered at a rate of:

- 1 free parent per 10 middle school students; and
- 1 free parent per 6 elementary school students

Therefore the first 3 middle school student parents that sign will be free and the first 5 elementary school student parent that sign up will be free. Adult admission is \$18.50

Parents must accompany the child(ren) to and from and at the B.C. Museum of Mining.

Clothing: What to bring: suitable warm clothing including rain wear and running shoes. Much of the field trip will be outside so be prepared for B.C.'s unpredictable weather.

Medic Alert: please notify the teacher as to any food allergies or medical conditions (i.e. Diabetes)

Food: Snacks will be provided but each student is expected to bring their own bag lunch or money for eating at the Copper Restaurant

Transportation: 4 pickup locations:

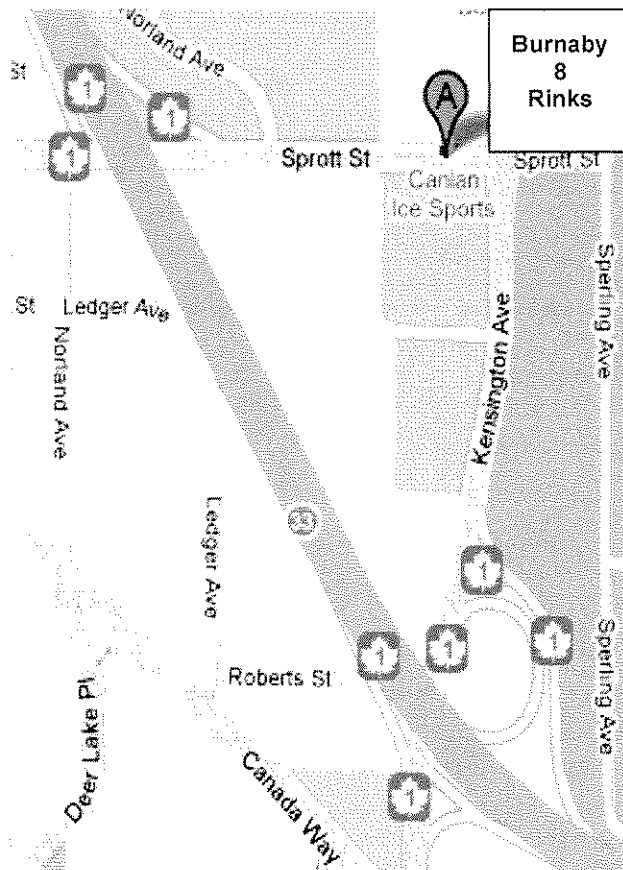
Chilliwack Sears Mall at (7:30 am departure)

Abbotsford: Tim Hortons at Whatcom Road (7:50 am departure)

Langley: Colossus parking lot at 200th street exit north in under the marquee (8:25 am departure)

Burnaby: Burnaby 8 Rinks parking lot by Kensington - 6501 Sprott Street (9:00 am departure)

- 4 drop off locations: same as above.



Cancelations must be received by May 24th at 12:00 noon. Call 1-800-663-3381 Ext 2483 or 2477 so that we may contact people on the waiting list for bus.

FVDES staff phone number for field trip is 604-798-1844. Please program this number into your phone for the day of the field trip.

Schedule:

Note: if you are not taking the bus, meet the group at Britannia Beach- B.C. Museum of Mining at 10:15 am. Parking is free.

7:30 Depart: Sears Mall by Highway 1 in Chilliwack

7:45 Arrive at Tim Hortons at Whatcom Road in Abbotsford

7:50 Depart from Tim Hortons at Whatcom Road in Abbotsford

8:20 Arrive at the marquee in the Colossus parking lot at 200th St. exit in Langley

8:25 Depart from the marquee in the Colossus parking lot

8:50 Arrive at Burnaby 8 Rinks parking lot by Kensington

9:00 Depart from Burnaby 8 Rinks parking lot by Kensington

10:15 Arrive at Britannia Beach/B.C. Museum of Mining

10:15 to 10:20 Orientation, Safety and Rules for the Day

10:30 Begin B.C. Museum of Mining Tour

Group 1: 1.5 hour Mine tour

Group 2: Water Treatment Plant Tour and Gold Panning

12:00 Lunch: 7 km bus trip to Shannon Falls and Copper Restaurant or bag lunch

12:50 Depart Shannon Falls

1:00 Arrive at Britannia Beach/B.C. Museum of Mining

Group 1: Water Treatment Plant Tour and Gold Panning

Group 2: 1.5 hour Mine tour

2:40 Meet at bus

2:45 Depart Britannia Beach/B.C. Museum of Mining

3:45 Arrive at Burnaby 8 Rinks

4:20 Arrive at the marquee in the Colossus parking lot

4:50 Arrive at Tim Hortons at Whatcom Road in Abbotsford

5:10 Arrive at Sears in Chilliwack

