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**INSIDE EDUCATION - Clean Air Responsible Schools Program**

*SUPPORTING TEACHERS, INSPIRING STUDENTS*

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# Partnership Proposal

Prepared for: Peace River Area Monitoring Program Committee



Inside Education is excited to explore opportunities for collaboration on Inside Education's Clean Air Responsible Schools (CARS) program with the Peace River Area Monitoring Program (PRAMP). The following proposal outlines responsibilities and timelines for a pilot implementation of the program within the PRAMP region.

### ABOUT INSIDE EDUCATION

Inside Education is a charitable natural resources and environment education society. We have been delivering high quality, curriculum-based programs for 31 years with the help of our partners in education, government, industry and the conservation sector. [www.insideeducation.ca](http://www.insideeducation.ca)



Inside Education has extensive experience in the development, delivery, implementation and evaluation of environment and natural resource education programs. Our education team comprises of a breadth of education and topic experts in addition to graphics and communication professionals. Inside Education has been nationally recognized for our work in environment and natural resource education.

### THE CLEAN AIR RESPONSIBLE SCHOOLS PROGRAM (CARS)

The CARS program aims to develop understanding about air quality, emissions and climate change at the community and school level. With an emphasis on personal action and citizen science, this class-based program will engage students in local stewardship action while contributing meaningful data to a nation-wide citizen science campaign.

This program sees the students involved taking away a greater understanding of the science behind their local airshed, the issues around community emissions, and the stewardship practices that can be implemented to act for school-based change.



After the completion of the program students will have:

- Engaged in the science of air quality and how we contribute to and are impacted by it.
- Learned about the relationship between airsheds, weather, particulate matter, greenhouse gas emissions, climate change
- Practiced collecting local air quality information and contributing to provincial data.
- Implemented a school based community campaign around improving their local air quality.



Timeline & breakdown of responsibilities

Task	Description	Timeline	Who's Responsible
<b>OUTLINE AND DEFINE PARTNERSHIP BETWEEN INSIDE EDUCATION AND PRAMP</b>	Detail responsibilities for both organizations to ensure successful program implementation in PRAMP region. Signed proposal	October 2017	PRAMP & Inside Education
<b>Share program materials</b>	Includes all teacher information sheets, classroom presentation materials, air beam & tablet, particle picker upper cards, field worksheets *PRAMP can edit to ensure regional content and branding	October 2017	Inside Education
<b>Program Promotion</b>	Announcement of local program. Inside Education to share our promotional materials which can be modified to meet PRAMP branding. Inside Education to include Peace area on our CARS website, external communications and networks	November	Inside Education & PRAMP
<b>Secure participating classes</b>	Confirm participating classes	November	PRAMP & Inside Education

Task	Description	Timeline	Who's Responsible
<b>Teacher Professional Development Session</b>	A half day session for participating teachers that will introduce them to air quality concepts, the program itself and use of the air beam citizen science tool (potential to tour a air quality monitoring station). Inside Education will pay a \$100 supply teacher subsidy for each participating teacher (a component of this proposal).	DATE TBA	<ul style="list-style-type: none"> <li>• Inside Education to introduce program concept</li> <li>• PRAMP Host &amp; introduce regional</li> <li>• PRAMP airshed presentation &amp; tour</li> <li>• PRAMP /Inside Education school program intro.</li> </ul>
<b>Classroom Presentations</b>	Visit the participating classes to deliver the classroom component of the program		Inside Education
<b>Citizen Science/ Air Quality Monitoring</b>	Classes are lent use of the air beam for 1 week and implement the field component of the CARS program		PRAMP to coordinate with participating schools
<b>School Based Stewardship Campaign</b>	Classes create a personalized project to showcase and share their air quality/idle-free education with the rest of the school population/ parents/administration		Participating schools, if schools create a substantial event PRAMP and Inside Education could attend
<b>CARS Project Teacher Feedback/survey</b>	Capture program feedback from participating teachers/schools using Inside Education Feedback template	Upon schools completing project	PRAMP & Inside Education
<b>Evaluate CARS collaboration and futures</b>	Determine successes and challenges of collaborative CARS program and potential implementation in 2017-2018 school year		Inside Education & PRAMP



## BUDGET

Description	Quantity	Unit Price	Cost
Initial program development	1	\$ 2,000	\$ 2,000
Air Beam*	1	\$ 300	\$ 300
Android tablet for viewing AirBeam Data in real time	1	\$ 100	\$ 100
Inside Education Staff Time for support and training on PD and classroom program (+ travel expenses if required)	3 days	\$ 400	\$ 1,200
Supply Teacher subsidy *cost depends on participation	6	\$ 100	\$ 600
<b>Total</b>			<b>\$ 4,200</b>

\*Airbeams are \$249.00 USD, cost is estimated on current exchange rate

## BENEFITS OF PRAMP/INSIDE EDUCATION PARTNERSHIP

- Support from an award-winning natural resource and environmental education society to develop hands-on engaging programs to students and teachers in the K-12 school system.
- Facilitate the increased access and availability of energy, climate change and air quality education outreach programs; and enhance environmental literacy in Alberta
- Inside Education has a province wide reach and an extensive network of K-12 teachers to leverage PRAMP's existing programs and services.
- Partner Recognition: Inside Education recognizes supporting partners on all related programming materials and at a variety of opportunities such as teachers conventions and presentations in addition to our website and social media reach that are seen from a variety of audiences.

