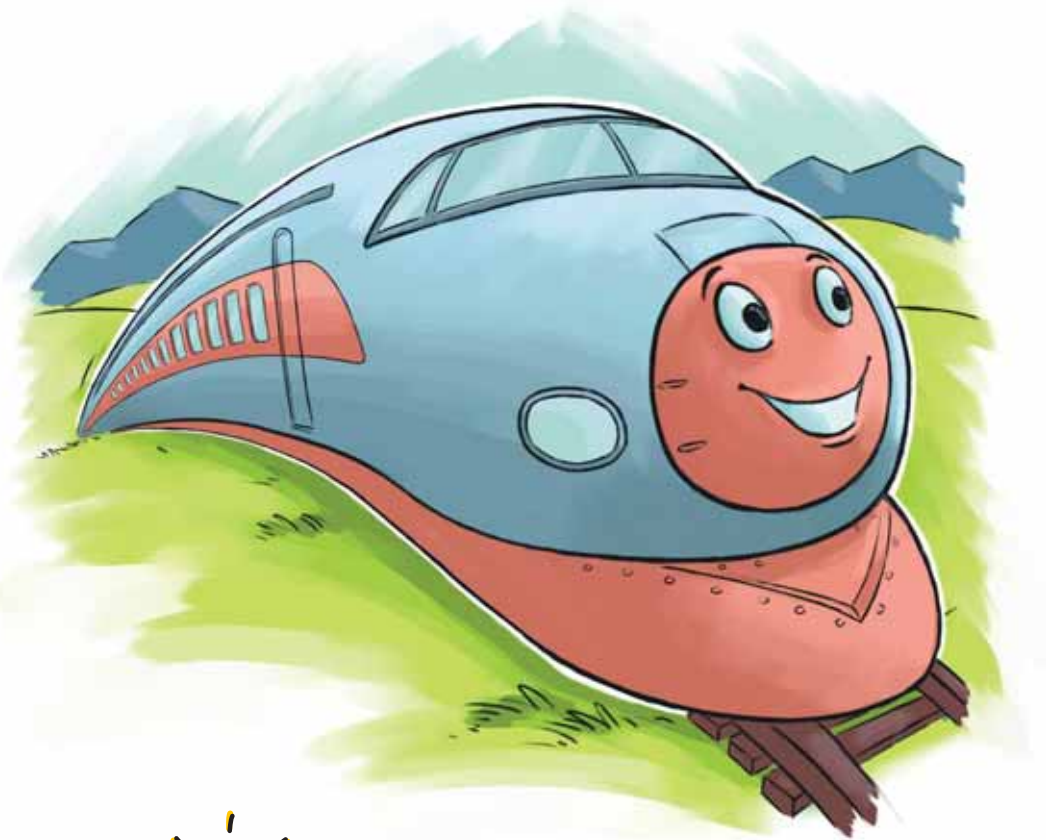


A Little Golden Lightbulb Book

The Little Engine That Could go the Speed of Sound.



2006/2007
Annual Report

Can you imagine a world so literate about science that it changes the books we read?

We can.

A world where Dick and Jane are comfortable with quarks, Sam has his green eggs and ham on a high speed maglev train, and kids practice their ABCs as well as their $E=MC^2$ s.

Advanced science literacy is the bedrock of a better world. This year, with your help, we moved it forward.

Thank you.

2006 – 2007 Highlights

- We provided an average of 1000 hours of science programming per day and reached into 205 Alberta communities with science programming 1,286,725 times.
- Our Crate Program inspired 93,248 students in 4,583 classrooms from Fort Chipewyan to Fort Macleod.
- Our online learning environment, Wonderville.ca, experienced significant growth with 9,820,020 hits and 737,288 sessions.
- We reached 8,250 Albertans with our 13th Festival of Science in Edson and Hinton.
- We continued touring our traveling exhibition and modular exhibits reaching 35,396 Albertans.
- Our sponsors provided \$1,481,485 in project grants and an estimated \$282,736 of donations in kind.
- Our science and math stories, promotions and media coverage reached 2,731,610 Albertans.
- Our 6,449 volunteers and collaborators enthusiastically gave 20,641 hours of their valuable time.
- We worked with 105 partners to develop and deliver our programs.
- We were honoured with the **2006 Friend of Education Award** as selected by the Alberta School Board Association.
- The Board and staff completed a robust and inclusive strategic planning process to develop a five-year strategic plan that sets direction for the organization. We developed a three-year business plan to implement the strategies outlined in the strategic plan.
- SAF worked with Ipsos-Reid to develop and conduct a survey to determine Albertans' attitudes toward and support for science and technology.
- We brought thought leaders from Australia, Finland, the United Kingdom and the United States to Banff to discuss ways to advance our science culture in Alberta.

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Message from the Chief Executive Officer and Board Chair

As science and technology become an even greater presence in our daily lives, the demand for expertise in these fields continues to grow and the pressing need for a scientifically literate society becomes more apparent. The leaders and citizens of tomorrow will need to make well-informed decisions about the role of science and technology and how it impacts our society, the environment and our overall quality of life.

As an innovative leader in science programming, Science Alberta Foundation recognizes the urgency of creating a society that embraces science and technology and has been strategic in guiding the organization toward the vision of inspiring minds and changing futures. Science Alberta Foundation's goals are to 1) be a leader in innovation, action and impact in the development of science literacy 2) build capacity that develops science literacy and supports workforce development by growing our programs, services and reach and 3) to be a healthy, vibrant and sustainable organization.

We are honoured to have been the host to some of the world's most innovative thinkers during our Trajectory summit this past year. We are now looking forward to the final phase of this project where we take their strategic visioning and translate it into innovative outcomes for our organization and other stakeholders such as governments and educators.

We know we have the greatest of opportunities given the current environment in which we operate and with the help of our Board, staff, sponsors and stakeholders, we are poised to continue to grow and provide strong leadership in developing science literacy in the province of Alberta and beyond.



Arlene Ponting
Chief Executive Officer



Ron Kuchinka
Board Chair

Goodnight Pluto

**You're not a planet
anymore!**



Inspiring Minds... Changing Futures

Positioned for the Future

For more than 17 years, Science Alberta Foundation has created and delivered outstanding and innovative programming with the mission to increase science literacy in the province of Alberta. We take science to where it is needed most – to families, teachers, librarians and local organizations; within homes, classrooms and learning facilities; from the largest cities to the smallest towns.

We strive to be a leader in creating a science literate society. This past year we completed a robust and inclusive planning process with our staff and Board and created a three year business plan which will operationalize our five year strategic plan and continue to position Science Alberta Foundation as a leader.

Our programs and services promote the advancement, learning and valuing of science and technology in every day life. Science Alberta Foundation fosters a great enthusiasm for science, math, engineering and technology and exposes students to the myriad of careers in these fields.

Science surrounds us. With the growing complexity of science-related issues and the increasing environmental and social impact in our everyday lives, familiarity, ease and comfort with science and technology is crucial. Science literacy can lead to understanding but it is also key to Alberta's future prosperity. Science Alberta Foundation is working hard to make Alberta's future bright.

The Trajectory Project

The Trajectory project, supported by the Kahanoff Foundation, is a multi-faceted project designed to gather information to support the ongoing creation of innovative programs that promote science literacy and education. During the 2006-2007 year, four phases of the project were carried out:

- 1) **Literature Review:** A comprehensive review of literature on formal and informal science education. The review also examined the literature for links between science education and competitiveness of a nation.
- 2) **Environmental Scan and Case Studies:** A rich source of current science education resources and programs.
- 3) **Benchmarking Survey:** Baseline data on Albertan's opinions on Science. The study also made comparisons to other surveys on science conducted in both North America and Europe.
- 4) **Thought Leader Summit:** Strategic visioning of what a stellar science learning and promotion enterprise should be. Held with international leaders in the fields of science promotion and science literacy.

Science Alberta Foundation intends to disseminate the highlights and recommendations coming out of this forward thinking research and visioning to governments and organizations active in science literacy, workforce development and public understanding in science. It is expected that the outcomes of the Trajectory Project will change science programming across the country.

Oh, the Places

You'll Google!



Our Programs

Our outstanding programs are designed to get children and youth excited about science, math and technology and to introduce them to the countless career opportunities in these fields. We show them how science, math and technology apply to their daily lives through these unique resources. With your support we are investing in our future to ensure the labor crisis is a thing of the past.

Wonderville.ca

The future of learning is technology and the virtual town of Wonderville.ca provides a leading-edge learning medium appealing to today's computer-savvy kids.

Our little town of Wonderville just keeps getting bigger and bigger.

Wonderville added:

- new “Science Works” videos showcasing diverse careers such as a ceramics technician and a wind farmer operator.
- eight new printable activities such as setting up a composting experiment to exploring CSI techniques.
- two new large scale environments tripling the size of the Wonderville environment creating new places for students to explore, visit and participate in science inquiry.
- the launch of the **Teacher Support Site**, providing teachers with resources to help use Wonderville activities in the classroom.
- the pilot of a new program, **School Yard Ecosystems**. Students collect data on the ecosystems present in their schoolyard and map it through an online graphical information system (GIS) mapping application.

Wonderville.ca Science Challenge

Over 200 teams from schools from across Alberta competed in the Grade 7 Wonderville.ca Science Challenge. Tying in with the Structures and Forces Unit in Grade 7 curriculum, students were asked to invent and build a freestanding carnival ride that could transport a marble from beginning to end.

Wonderville.ca Science Challenges provide teachers with a fun, interactive and hands-on exercise to have students review specific science curriculum. The Challenge illustrates the link between classroom knowledge and real-world scenarios.

Our One-of-a-Kind Crate Program

For thirteen years, Science Alberta Foundation has been providing stellar hands-on science and math activities to support teaching and learning in schools. Each crate in this popular program is a treasure trove of activities that use a different storyline or theme. Crates show children the myriad of science careers available by showcasing them in a tangible and fun approach.

The Foundation depends on the hundreds of our passionate partners and collaborators to help develop dynamic crates. We now have a total of **401** crate copies in circulation!

New crate titles include:

- **Ways of Knowing: Colour Talking Circle**, made possible through funding from Nexen Inc. and International, Intergovernmental and Aboriginal Affairs.
- **Ways of Knowing: Little Moccasin's Boat Adventures**, made possible through funding from Nexen Inc.
- **Pirates of the Lodestone**, made possible through funding from ExxonMobil.
- **Wanted: Engineers for the Salazar Carnival**, made possible through funding from University of Calgary, Alberta Advanced Education & Technology and the Association of Professional Engineers, Geologists, Geophysicists of Alberta (APEGGA).
- **WasteWorld Co**, made possible through funding from ConocoPhillips Canada and Alberta Environment.
- **Mega-Machines**, made possible through funding from the Brawn Foundation.

Exhibits

What's Fuelling Your Future?

Supported by the Alberta Canola Producers Commission, *What's Fuelling Your Future?* examines biofuels and bioplastics derived from this common crop grown in Alberta. This digital traveling exhibit was available for booking in January 2007. To date, *What's Fuelling Your Future?* has been extremely popular being fully booked in the first few months of availability.

Three additional exhibits were developed in partnership with Alberta Milk Producers showcasing the science of milk and were available for booking in April 2007.

Mystery of the Missing Milk

This digital exhibit has visitors discover how to increase milk production in a herd of cows.

Dairy Dilemma

This interactive exhibit lets visitors test milk for contaminants before it enters the dairy processor.

Top Cow

This digital exhibit is themed around a game show where participants create digital versions of dairy products.

In Your Space

In Your Space is a science awareness program that was launched in Edson and Hinton this past year. The program intends to show Albertans just how diverse science is and how it impacts our daily lives. The title of this unique awareness project reflects the objective to foster the spirit of discovery and innovation in Alberta and create a science culture within the province. The program is bold, innovative, inspiring and will have a provincial reach.

Our primary goal is to make people aware of how critical science, math, engineering and technology (SMET) is to Alberta's future. We want people to understand how SMET has made an impact on their daily lives and to consider careers in these areas.

West Central Festival of Science

The West Central Festival of Science, held in Edson and Hinton in October 2006 was a huge success. This thirteenth festival featured Kari Byron and Grant Imahara from the hugely popular MythBusters television show on the Discovery Channel who spoke to a sold out crowd. Generously supported by the Suncor Energy Foundation and other sponsors, the Festival also featured two evenings of Science in the Movies and a family fun science tradeshow showcasing sponsors, local businesses and Science Alberta's *Carniville of Wonders*. Schools also took part in the Festival with presentations by engaging speakers and crates in the classrooms.

Professional Development for Teachers

School Science Leaders

With the support of Syncrude Canada Ltd, Science Alberta Foundation has launched an exemplar program to increase the availability of and access to award-winning, science-learning programming that will benefit children and youth in Fort McMurray and Fort McKay. Plans to expand this popular program are currently underway.



I Can Count



Pi to the 16th Decimal Place.

Auditors' Report on Summarized Financial Statements

To the Directors of Science Alberta Foundation

The accompanying summarized statements of financial position, operations and net assets and changes in cash resources are derived from the complete financial statements of Science Alberta Foundation as at March 31, 2007 and for the year then ended on which we expressed an opinion without reservation in our report dated April 27, 2007. The fair summarization of the complete financial statements is the responsibility of management. Our responsibility, in accordance with the applicable Assurance Guideline of the Canadian Institute of Chartered Accountants, is to report on the summarized financial statements.

In our opinion, the accompanying financial statements fairly summarize, in all material respects, the related complete financial statements in accordance with the criteria described in the Guideline referred to above.

These summarized financial statements do not contain all the disclosures required by Canadian generally accepted accounting principles. Readers are cautioned that these statements may not be appropriate for their purposes. For more information on the Foundation's financial position, results of operation and cash flows, reference should be made to the related complete financial statements.

Calgary, Canada
April 27, 2007



Chartered Accountants

SUMMARIZED STATEMENT OF FINANCIAL POSITION AS AT MARCH 31, 2007 & 2006

	2007	2006
ASSETS		
Cash & Term Deposits	\$ 1,662,004	\$ 1,596,897
Other Current Assets	184,272	268,727
Property & Equipment	36,481	20,388
Total Assets	<u>\$ 1,882,757</u>	<u>\$ 1,886,012</u>
LIABILITIES & NET ASSETS		
Accounts Payable & Accrued Liabilities	\$ 397,951	\$ 244,480
Deferred Contributions	665,384	825,462
Total Liabilities	<u>1,063,335</u>	<u>1,069,942</u>
NET ASSETS		
Invested in property and equipment	36,481	20,388
Restricted	685,000	550,000
Unrestricted	97,941	245,682
Total Net Assets	<u>819,422</u>	<u>816,070</u>
Total Liabilities & Net Assets	<u>\$ 1,882,757</u>	<u>\$ 1,886,012</u>

SUMMARIZED STATEMENT OF OPERATIONS AND NET ASSETS YEAR ENDED MARCH 31, 2007 & 2006

REVENUE		
Alberta Innovation & Science Grant	\$ 1,300,000	\$ 1,200,000
Project Grants	1,481,485	1,331,820
Other Income	166,156	93,658
Total Revenue	<u>2,947,641</u>	<u>2,625,478</u>
EXPENDITURES		
Science Literacy & Learning	1,080,525	932,897
Communications & Science Awareness	1,150,633	1,016,886
Partnerships, Relationships & Collaborations	54,547	48,317
Resource Development	183,519	160,436
Administration	226,581	180,483
Infrastructure	157,595	106,506
Governance & Audit	69,807	69,694
Continuous Learning & Improvement	21,082	19,096
	<u>2,944,289</u>	<u>2,534,315</u>
Excess Revenue Over Expenditures	3,352	91,163
Net Assets, Beginning of Year	816,070	724,907
Net Assets, End of Year	<u>\$ 819,422</u>	<u>\$ 816,070</u>

STATEMENT OF CHANGES IN CASH RESOURCES YEAR ENDED MARCH 31, 2007 & 2006

Cash Provided by Operating Activities	\$ 113,470	\$ 243,938
Cash Used to Purchase Property & Equipment	(48,363)	(11,888)
Net Increase in Cash During the Year	<u>65,107</u>	<u>232,050</u>
Cash & Term Deposits Beginning of Year	1,596,897	1,364,847
Cash & Term Deposits End of Year	<u>\$ 1,662,004</u>	<u>\$ 1,596,897</u>

**Brown Bear,
Brown Bear,
What Do
You See?**

I See Great People Working With Me.



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anonymous.

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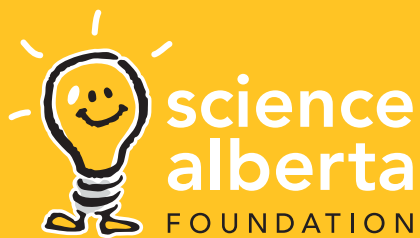
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