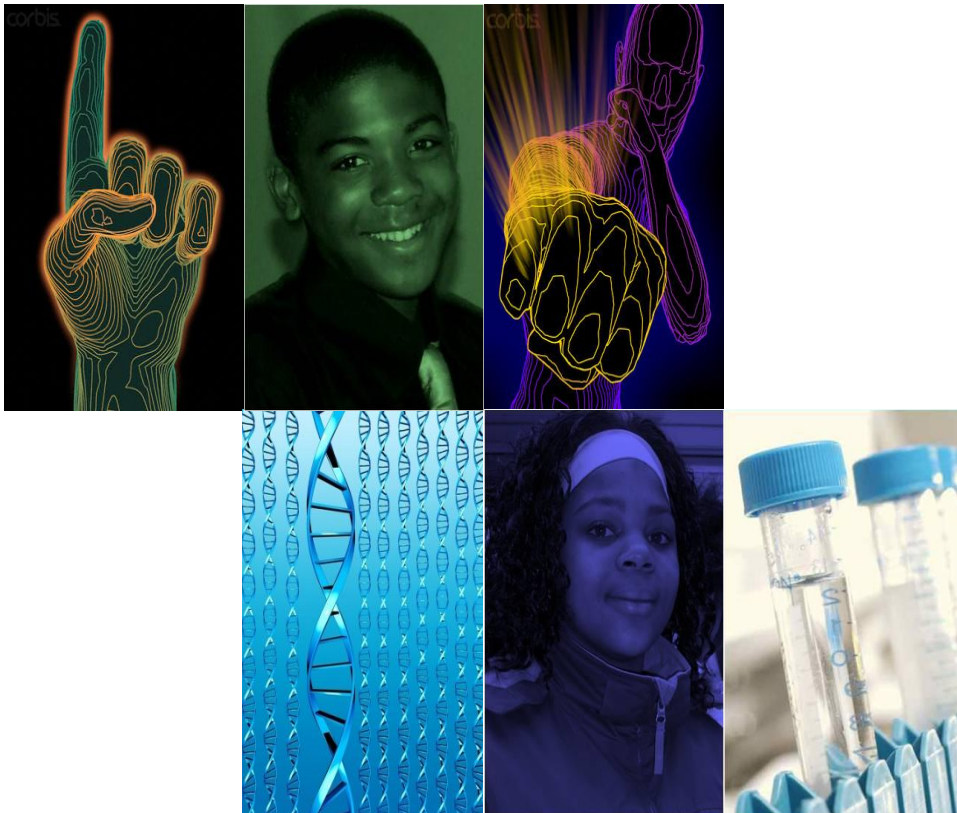


a legacy still in the making



Annual Report for the Academic Year 2007-2008

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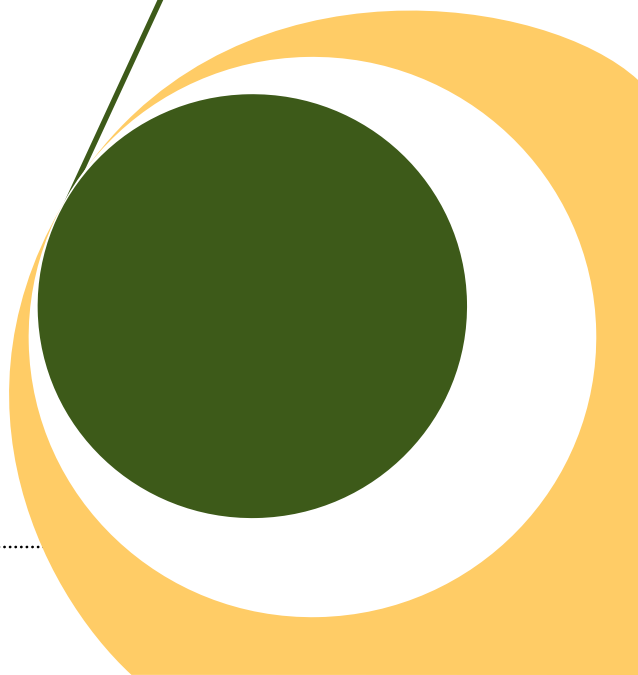
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The 2007-2008 incarnation of the Imhotep's Legacy After-School Project was made possible through the dedicated support of our sponsoring partners: African Canadian Services Division & Council on African Canadian Education - Department of Education; Office of African Nova Scotian Affairs; Department of Physics, Black Student Advising Centre & Faculty of Science – Dalhousie University; and, the Natural Sciences and Engineering Research Council of Canada.

Special appreciation is extended to members of the Imhotep's Legacy Steering Committee - Barb Hamilton-Hinch, Margo Hampden, Paul Ash, Prof. Kevin Hewitt, and Prof. Sophia Stone – for their steadfast support, value input and dependability.

Much of Imhotep's Legacy Academy's success in 2007-2008 is also owed to the expertise and generosity of Prof. Pemberton Cyrus, Dr. Tobias Karakach, Prof. Leslie Oliver, Jay Jarvis, as well as groups like Let's Talk Science, SuperNova, Bedford Institute of Oceanography, NRC-Institute of Marine Biosciences, and Dartmouth Sportsplex.

Praise is due for all those community leaders who gave of their time and space to provide

personal consultations or shared experiences that helped in the successful implementation of our afterschool programs. They include Chris Phee, Tracey Dorrington-Skinner, Wayn Hamilton, Dr. Patrick Kakembo, Delvina Bernard, Charles Sheppard, Brandie Shannon, Lillian Marsman, Prof. Thomas Bouman, Prof. Adango Miadonye, Prof. Allen Britten, Prof. Emmanuel Yiridoe, Prof. Samuel Asiedu, Doreen Redmond, Noreen MacKinnon, Dionne Romard, Robert Upshaw, and Wade Smith.

The instrumental role of school administrators and staff must be acknowledged, including the contribution of Principals Ken Fells & Ken Graham, as well as Vice Principals Noreen Stymest, Tammy Murray, and Denis Bruce.

The successful delivery of afterschool programs was mainly due to the commendable work done by project personnel: Dr. Victor Afari-Sefa, Keisha Monique-Simpson, Tesia Rolle, Khadija Douglas, Leslie Ssebazza, Nicole Mclean, Kyle Kerr, Dahlia Seymour, Ashley Fairfax, Emmanuel Nsabimana, Kgothi Segopotso, Sukkasini Thissaverasingan, and Modou Camara.



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To Do All Things Well “The social activist, Thomas Merton once said, “If you have love, you will do all things well” When it comes to educating our youth, this phrase could well adorn every home and classroom door..”	
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together, we grow

The social activist, Thomas Merton once said, “If you have love, you will do all things well” When it comes to educating our youth, this phrase could well adorn every home and classroom door. At Imhotep’s Legacy Academy we know that no amount of quality programming alone will ever suffice. That is why we always design and deliver our educational programs from the heart, as well as the head.

It is for this reason that we are creating sustainable partnerships with both public and private organizations to expand and improve our after-school services. We remain open to new ideas and creative solutions that can be put into practice for the benefit of our youth .

As an after-school organization, the fulfillment of our mission to help young African Canadian learners attain their true potentials is the best investment we can make. We are happy our partners believe, as we do, that no work is more important and no endeavour more worthy of our attention and resources.

An old African proverb teaches us that, “Youth are the labour force of the nation.” As parents, educators and citizens, there should be no responsibility for which we are held more accountable than the education of our youth. The future of our country and the world will be a reflection of how well we have carried out this responsibility.

We urge you to help us “do all things well” by contributing to a better future for our youth. Please, visit our website (www.imhotep.dal.ca) or call us (902.494.2400 or 866.996.9452) for ways by which you could be of assistance in building our nation.

Let us, as one community, achieve sustainable growth together.

Yours sincerely,

Emmanuel Nfonoyim



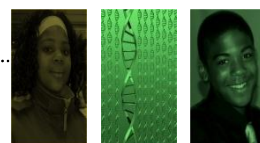
Imhotep's Legacy Academy is an after-school partnership that seeks to improve the representation of African Canadians in science, technology, engineering, and math or STEM. Our programs apply practices known to promote the academic, social, and personal development of young learners (Grades 7-12) of African descent.

Our objective is to provide opportunities for young African Canadian learners to engage in activities designed to strengthen their math and science aptitude. We seek to redress some of the issues preventing these learners from developing a better appreciation for scientific inquiry.

Our believe is that young learners will attend an after-school program regularly if it features high-quality, hands-on components that are distinct from but

connected to their regular school curricula. Regular participation will enable young learners improve their academic skills and attitude towards learning. They will evince higher confidence in their ability to pursue post-secondary STEM programs.

Our approach involves engaging students Nova Scotia's university and college students in the design and implementation of science enrichment activities for young learners. Through a high degree of participatory and informal interaction the university mentors deconstruct concepts and dispel some of the myths about science in a casual and convivial atmosphere.



We are not the typical after-school organization! It is now well established that for our target group, African Nova Scotian (Grade 7 -12) learners, we are unique in our pedagogy and quality of delivery. We offer **free weekly after-school science enrichment activities and homework help** to our participants during the course of the school year.

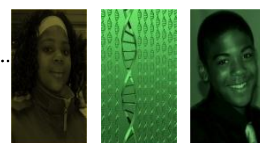
We also provide **frequent opportunities for science trips and workshops** to our participants. These young learners get the chance to participate in local science fair competitions, as well as in province-wide competitions such as the “Popsicle- stick Bridge Building Challenge” hosted by Engineers Nova Scotia.

Our **programs incorporate an Afrocentric perspective** including acknowledging the contributions of African Canadians in the fields of science, technology, engineering and math.

We consistently and continually support, monitor and evaluate our programs during the course of the school year to ensure high quality performance.

We remain committed to our goal of **running a province-wide system of effective after-school programs** in Nova Scotia. Currently, we are committed to delivering programs in Truro, Sydney, Halifax and Dartmouth.

The net outcome of our endeavour ensures our **participants receive tools necessary to excel** in their regular school work when they need it most – throughout the school year. Additionally, they get the chance to connect with their peers from other schools, link up with science professionals in their communities, and examine how science is applied in the real world.



fridays @ 2:45 p.m.

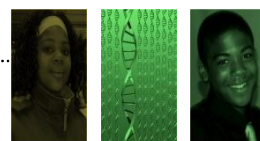
It's 2:45 pm on a Friday afternoon in a lab room at Caledonia Junior High School in Dartmouth. Our after-school mentors are setting up for an activity delivery session when Deangelo and Jeremy race into the room, panting like they have just been through some heart-pumping exercise.

"What are we learning today?" they inquire. After a healthy snack and the usual visit from Vice Principal Noreen Stymest to ensure all is well, the session gets underway.

Whereas the majority of their peers have gone home for the day, our afterschool participants are buzzing with industry. Seventh graders are working on extracting the DNA from tomato, eighth graders are investigating the effects of osmosis on plant cells, and ninth graders are building a simple battery.

At the end of the session, the boys and their peers go home with end-products from their science activity, with the directive to share their newly acquired knowledge with friends and family.

Similar to this afternoon session, every strand of our after-school program's DNA reflects our core philosophy of individualized, hands-on learning in a comfortable, friendly environment.



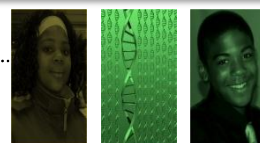
truvo junior high students visit NSAC

“Eighteen students from Truro Junior High School visited NSAC on April 17, 2008 to learn about opportunities and academic programs of the university. The visit, which was hosted by Ashley Shepard from the NSAC Recruitment Office, forms part of activities of Imhotep’s Legacy Academy, an after-school mathematics and science program for African-Nova Scotian students.

Dr. Victor Afari-Sefa, a Post-Doctoral Fellow in the Department of Business and Social Sciences, is Imhotep’s Legacy Academy Co-ordinator in Truro and organized the NSAC tour. Imhotep’s Legacy Academy is a university-community partnership co-sponsored by Dalhousie University, the African-Canadian Services Division of the Department of Education, Council on African-Canadian Education, Office of African-Nova Scotian Affairs of the Department of Tourism, Culture and Heritage and Natural Sciences and Engineering Research Council of Canada. Several NSAC graduate and undergraduate students serve as volunteer tutors/mentors at Truro Junior High School under this program.

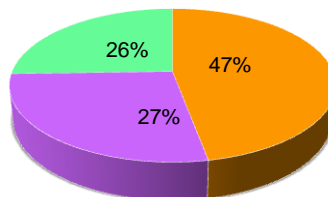
During the NSAC tour, the junior high school students were introduced to various activities on campus, including the greenhouse cut flower program led by Prof. Lloyd Mapplebeck, computer-assisted bridge design demonstration by Heather Hughes and guided tours of the Aquaculture Centre and Ruminant Animal Centre by Paul MacIsaac and Jean Lynds of the Department of Plant and Animal Sciences.”

The article above appeared in the May 8, 2008 issue of Nova Scotia Agricultural College’s e-Bulletin. The article can be found online at: <http://www.nsac.ns.ca/news/e-bulletin/2008/May/may8.asp>



**Exhibit 1: Total Enrollment per School for 2007-2008
(n=51)**

Truro Junior High St. Pat-Alexandra Caledonia Junior High



**Exhibit 2: Average Attendance per school for
2007-2008**

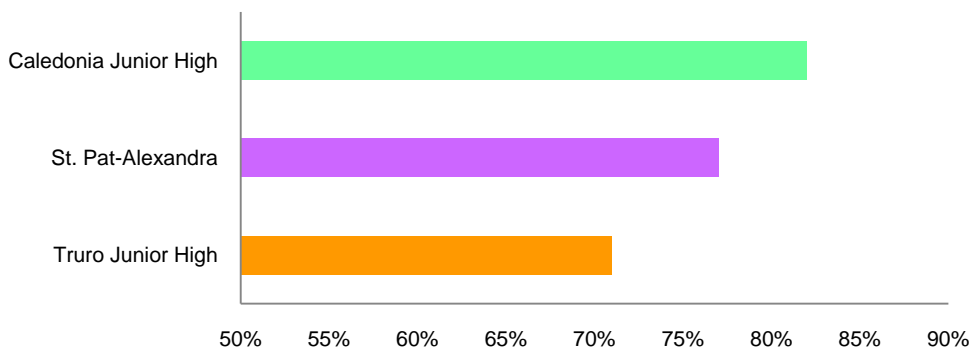


Exhibit 3: Annual Average Attendance (2003-2008)

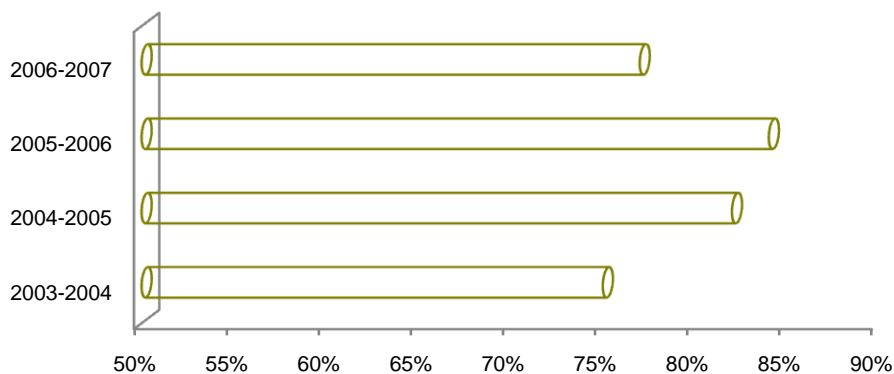


Exhibit 4: Participant Reports on Personal Abilities and Opportunities for Support

■ Jun-08 ■ Feb-08

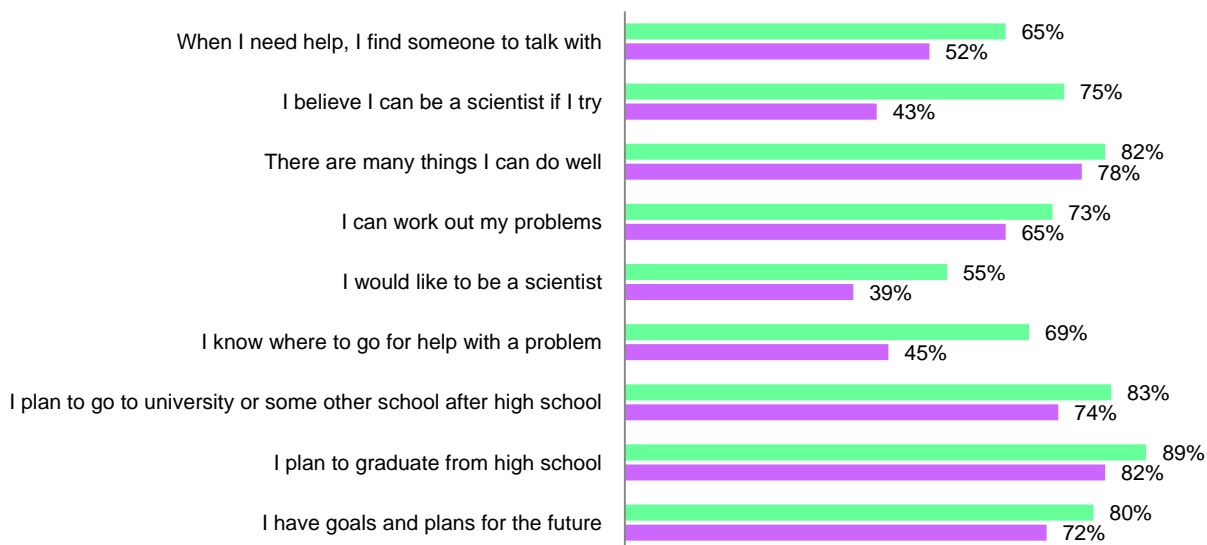


Exhibit 5: Participant Reports on Relationships with Staff and Sense of Belonging in the Program

■ Agree a little ■ Agree a lot

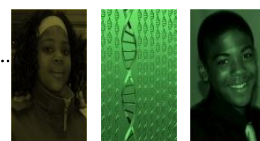
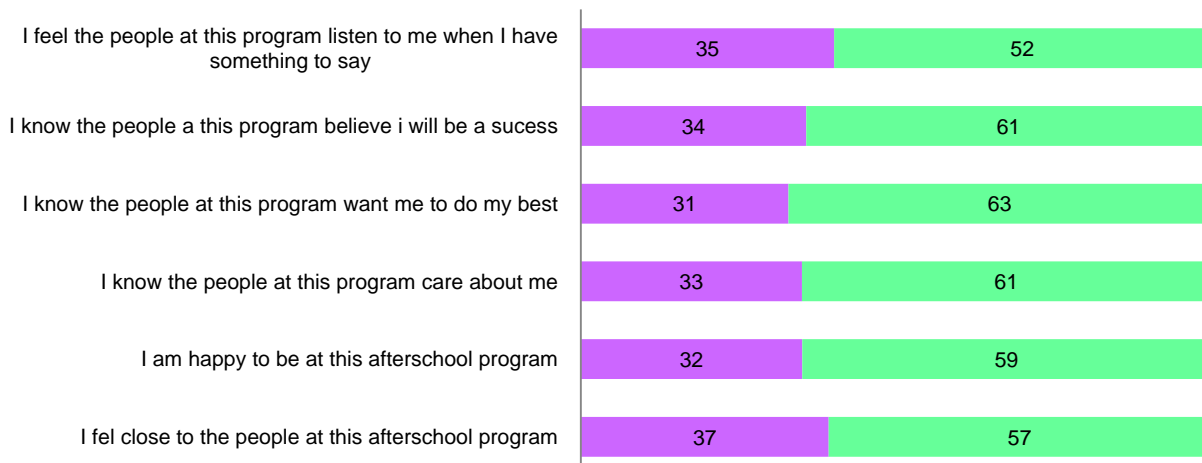
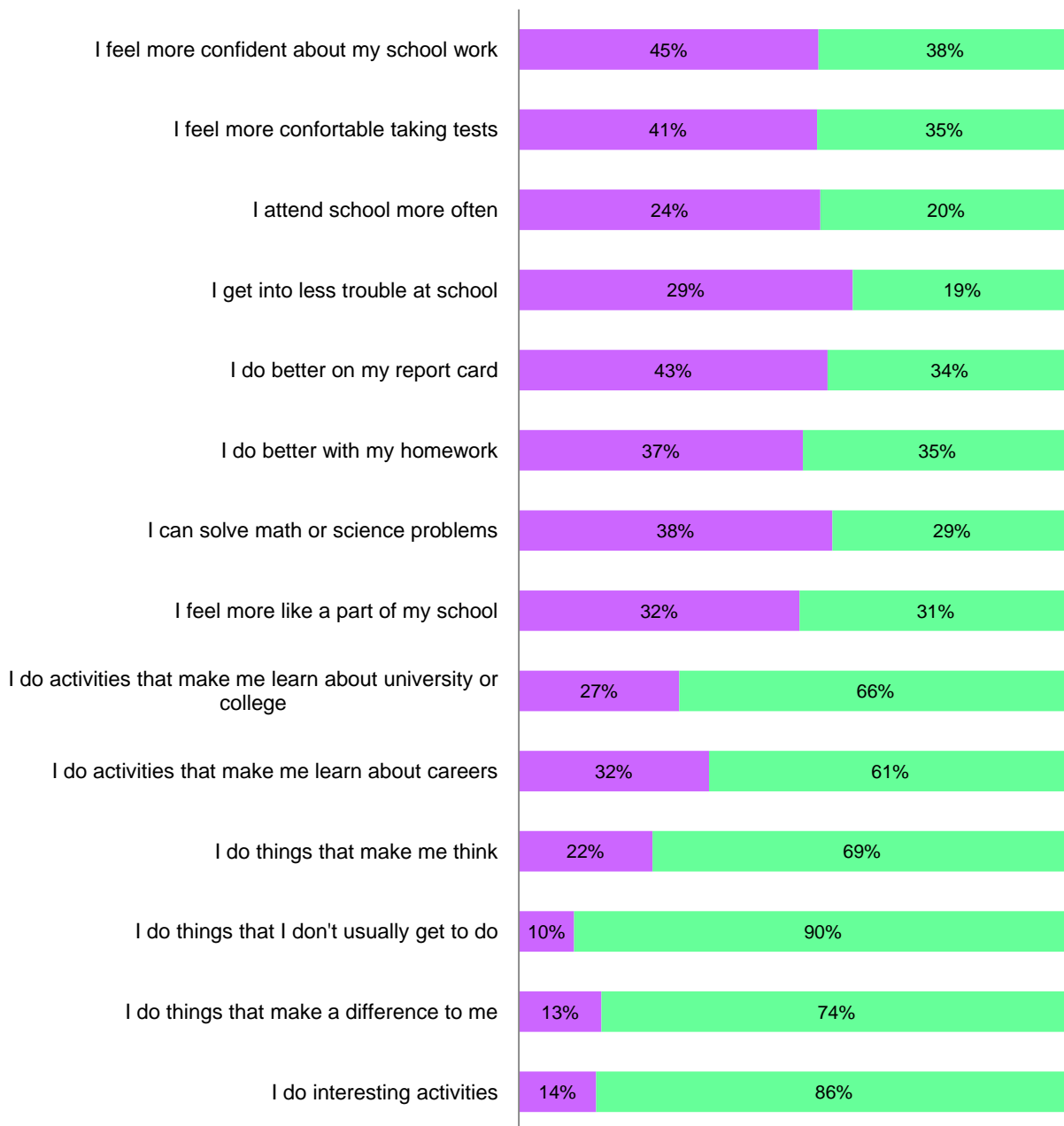


Exhibit 6: Participant Reports on the Benefits of After-School

■ Agree a little ■ Agree a lot



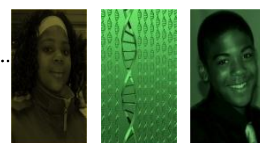
Whitney Pier Memorial Junior High (Sydney – Cape Breton)

If the enthusiasm shown by all 25 students who attended our June 2008 science show, then WPMJH will definitely be a hit in 2009.

A recent NSERC-PromoScience grant has enabled us to realize our goal of expanding our services to the Cape Breton region. We are filled with optimism about this expansion, as we have learned valuable lessons from our 2006 expansion to Truro. Moreover, the tremendous pledged support from parents, educators, community leaders, and post-secondary institutions in Cape Breton augurs well for our future participants. We are as excited about this new opportunity as the target group of students were at our introductory science show event.

Virtual High School Project (Province-wide)

Another longstanding goal of ours is now coming to fruition thanks to the exceptional leadership of Dr. Patrick Kakembo at the African Canadian Services Division. We are now in the planning phase of a province-wide online tutoring project targeting African Nova Scotian high school math and science students in the math. We plan to implement a pilot phase of the project at high schools in rural and urban regions of the province this Winter. Again, the level of support from external stakeholders has been excellent providing the force needed to drive on with this initiative in 2009.



ILA has developed the following strategic framework. The pathways identified in this framework represent the key thrusts for ILA over the next three years. For each of the ILA pathways, strategic objectives have been identified and are presented below.

Vision:

A leader in providing high- quality science, technology, engineering, and math after-school opportunities for African Canadian learners to strengthen Canada's capacity for innovation.

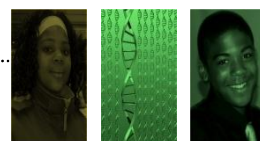
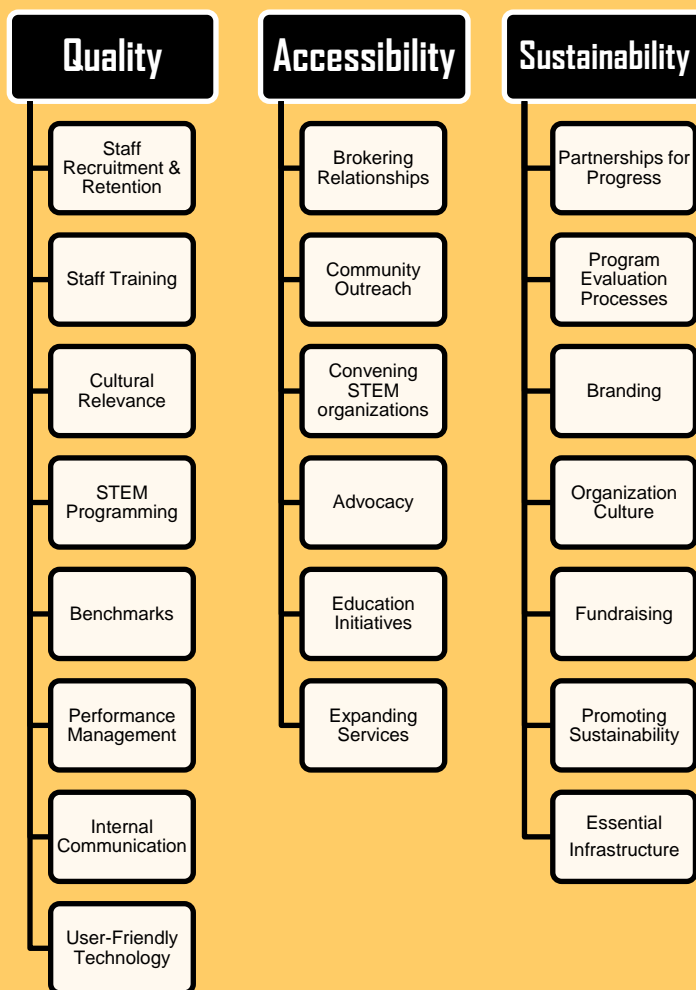
Mission:

To support African Canadian learners' success in science, technology, engineering and math by promoting the skills and attitudes necessary for academic achievement, career and life goals.

Values:

- ✓ Integrity
- ✓ Excellence
- ✓ Success
- ✓ Creativity
- ✓ Respect
- ✓ Afrocentricity
- ✓ Collaboration
- ✓ Commitment

Strategic Pathways



INTEGRITY

Excellence

Success

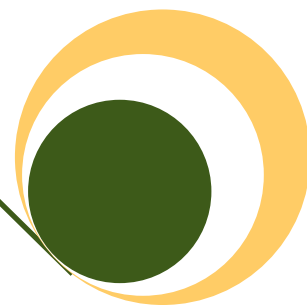
Creativity

Respect

Afrocentricity

C o l l a b o r a t i o n

Committment





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