

SPARKING CURIOSITY



YOUTH SCIENCE CAMPS IN SOUTHERN
SASKATCHEWAN

eyes.uregina.ca



VISION

To provide the youth in grades 1-9 of Saskatchewan the opportunity to experience all aspects of science, technology, engineering and mathematics (STEM) in a hands on, interactive environment.

MISSION

Educating Youth in Engineering and Science (EYES) works as part of the University of Regina, and is a non-profit organization dedicated to promoting STEM subjects to youth throughout Southern Saskatchewan. Through hands on science experiments, activities and experiments, students are encouraged to follow their curiosities and ask questions in a safe and open environment. EYES strives to include all children, regardless of culture, socio-economic status, needs, gender, ethnicity, and others who are traditionally underrepresented in the sciences. EYES provides valuable work experience for post secondary undergraduate students and high-school volunteers, enriching the community at the University of Regina.

STAFF

The EYES team is build from 20+ full time summer students. They bring experience from a range of STEM backgrounds, experiences, and interests. Some staff work part-time with EYES throughout the school year to provide additional program that exceeds past the summer months. An overseeing board of advisors, an academic supervisor and a full time Program Coordinator work to ensure the program continues to grow and prosper.

NATIONAL NETWORK

Actua provides training, resources and support to its national network members located at universities and colleges across Canada in the delivery of science, technology, engineering and mathematics (STEM) education outreach programming. Each year these members engage over 225,000 youth in 500 communities nation wises.

Please visit Actua at: www.actua.ca



With our small humble team of 20+ undergrads (and one Program Coordinator), we were able to reach more than 27,000 youth all over southern Saskatchewan in 2018! We have begun to build a meaningful relationship with Treaty 4 Education Alliance, began offering teacher professional development workshops, and exceeded capacity in our summer camp program! We were able to reach a record number of communities through our workshop program and started a new satellite camp program in Watrous. This year cannot be described as anything other than a complete success.

This year more than \$21,000 was gifted to youth all over southern Saskatchewan who otherwise would be unable to attend the EYES program, and we would be unable to offer these bursaries without our sponsors.

2019

2019 is poised to be our biggest year yet! We are looking forward to partnering with Regina Police Service and TRiP to be working with vulnerable youth in North Central Regina! We are also working towards a meaningful partnership with the Regina Public Library to expand our CanCode reach through a technology lending program. Working closely with our sister program Sci-Fi in Saskatoon, we are looking forward to streamlining our workshop programming to reach more youth.

In the upcoming years, we hope to strengthen our partnership with other facilities within the University of Regina, with hopes to further increase the quality of the program by providing students with real lab experience, and give them a better idea of what the university has to offer. With these exciting new prospects on the horizon, we are looking forward to continuing to work with Regina and surrounding communities to build a better STEM!

Megan Moore
Program Coordinator
EYES, Faculty of Engineering and Applied Sciences
University of Regina

2018 was an exceptional year of technology and digital literacy growth for EYES. We would like to thank everyone whose thoughtfulness, time, and generosity made our work possible.

IN SCHOOL WORKSHOPS

This year we reached 2150 more youth than we did in 2017, with an overall growth of more than 6000 youth since 2016. These grade specific workshops are aligned with the Saskatchewan Learning Curriculum, and integrates engineering and technology wherever possible. We continue to offer all french workshops in Francophone schools. This year, all workshops were based on digital literacy as part of the Federal CanCode initiative and were offered free of charge! We engaged 18,097. We attribute our growth to being able to offer these workshops for free, helping lower income schools over-come financial barriers.

Through CanCode, we were able to bring the following technology to schools free of charge!

- Cubeletes
- Ozobots
- Edison Bots
- Google Expedition Virtual Reality
- Makey-makey

- Grade 1 & 2: Sensible Sensations & Habi-WOW
- Grade 3 & 4: Optical Bots & Gummy Piano
- Grade 5 & 6: Body Bonanza & Throw Away the Giants
- Grade 7, 8 & 9: 100cm Ozodash & Cellular Exploration



SATURDAY CLUBS

Our Saturday afternoon clubs allow us to reach youth year round, and provides opportunity to explore STEM in a positive, and creative environment outside of school. In 2018, we reached 54 youth through our weekend programming, Club youth have written code, observed chemistry, and build colossal bridges.

COMMUNITY

Each year we attend a host of community events, such as Cathedral Village Festival and the Girls First Girl Guides Launch! through these events we are able to raise awareness regarding our program and make meaningful community connections.

"THE THING THAT WAS ON MY MIND BEFORE WAS, "I DON'T WAN'T TO GO." BUT NOW I'M ALL LIKE, "CAN I GO AGAIN!?"

-EDESIGN CODEMAKERS, GRADE 7-9

"EYES CAMP SHOWED ME A WHOLE NEW LEVEL OF SCIENCE AND HELPED ME LEARN THAT WHEN SCIENCE CONNECTS TO LEARNING, ITS A WHOLE NEW LEVEL OF EDUCATION....."

- EYES CAMP, GRADE 4-6

SUMMER CAMPS

Summer camp is the core of EYES, 2018 saw 1309 campers visit our University of Regina camp programming. Current we offer 7 weeks of weeklong programming; 5 programs each week at the University of Regina, not including out satellite or outreach programming. Our on campus program includes:

- EYES Junior (2&3)
- EYES (4-9)
- EDesign (4-6)
- EDesign Senior (7-9)
- All Girls (2-9)

Sattelite programs work through a partnered school in a community adjacent to Regina where traveling to the University of Regina each day is not possible for family. Students in grade 2-9 are welcome to join us while we launch egg-stronauts into space, pH test household goods with red cabbage, and work with Ozobots! This year, we were fortunate to host camps in Moosejaw, Shaunavon, Estevan, Ezterhazy, Foam Lake, Swift Current, Weyburn, and a new camp in Watrous! Through this program we were able to extend our reach to an additional 293 Saskatchewan youth!

Our outreach camps target intercity and FNMI youth through out the city, where we offer camp for free in a facility that the campers are comfortable with. In partnership with Albert Community School, Augustine Community School, Sacred Heart Community School, Thomson Community School, Connaught Community School and the Open Door Society, we were able to offer a week long camp, free of charge, to 165 campers!

We are excited to share that we reached our goal of 40% female campers, and 7.8% FNMI campers! We are aiming to reach 45% female and 10% FNMI in 2019.



"THAT THE CAMP HIS A LOT OF INTERESTING THINGS AND I WOULD COME BACK NEXT YEAR. THEN I WILL LEARN MORE!"

-EDESIGN CODEMAKERS, GRADE 7-9

"ENGINEERING AND SCIENCE IS VERY FUN AT EYES CAMP."

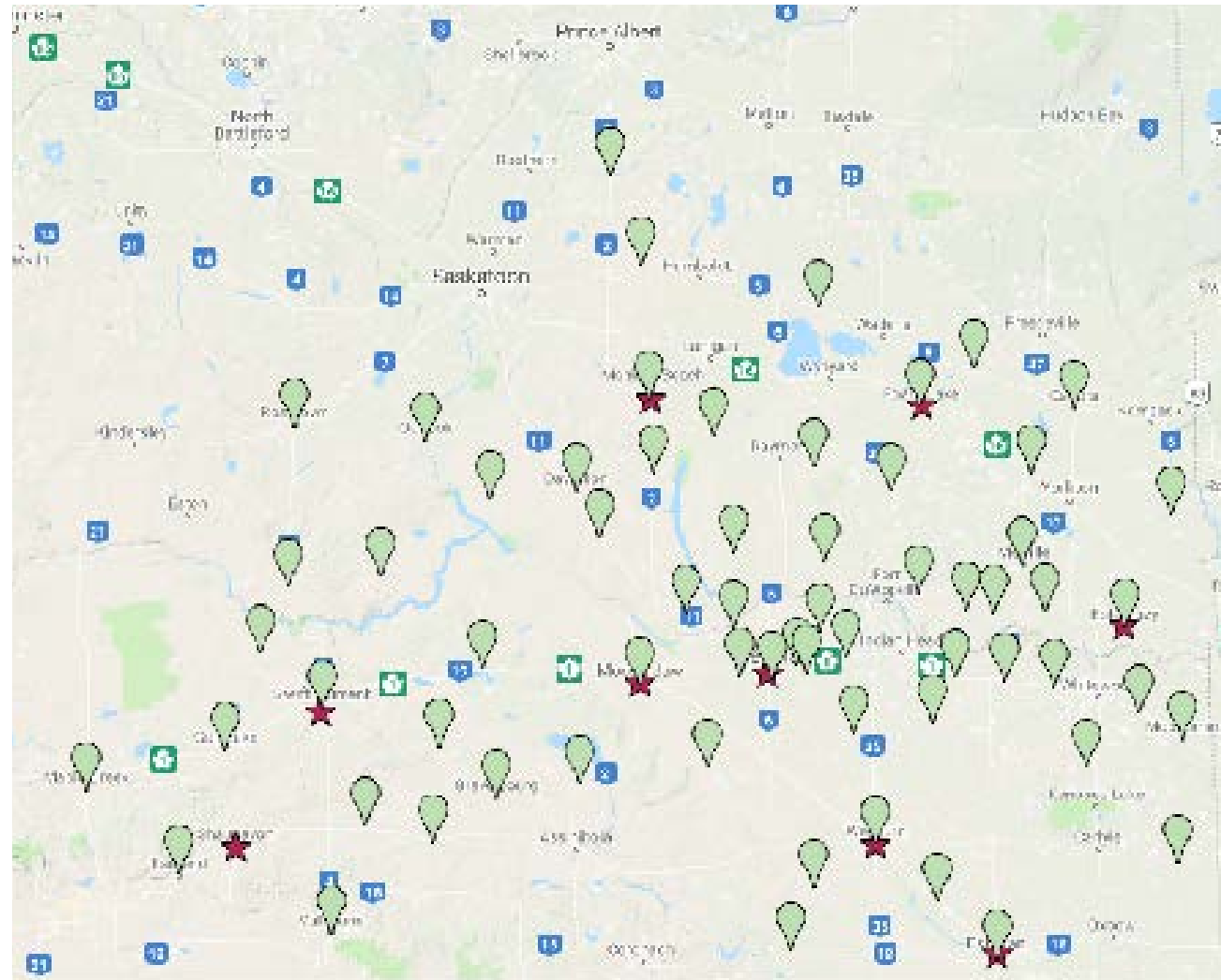
- EYES JUNIOR, GRADE 2-3

SASKATCHEWAN

EYES traveled as north as Foam Lake Saskatchewan and all the way to south to Estevan to deliver satellite camps! This year, we were able to reach 293 campers across 8 communities. 64 communities outside of Regina booked workshops, allowing us to provide 1122 workshops, impacting 19,097 students!

REGINA

EYES worked with 33 schools throughout the city of Regina, provided 385 workshops to a total of 6160 students!



RED STAR: Summer Camps
GREEN DROP: Workshop Locations

*"I ALWAYS HAVE A REALLY GOOD TIME AT EYES. THANKS FOR ALWAYS MAKING IT FUN FOR EVERYONE.
I HOPE ONE DAY I'LL BE ABLE TO BE AN INSTRUCTOR OR A JC!"*
- EYES 7-9

FINANCIALS

This year, EYES saw its biggest fundraising year to date. Even in an economy where many provincial industries are tightening their belts, it was inspiring to see how much support EYES truly has in the community.



This year more than \$21,000 was gifted to youth all over southern Saskatchewan who otherwise would be unable to attend the EYES program, and we would be unable to offer these bursaries without our sponsors.

We were able to offer 5 completely subsidized programs for at risk youth that would be unable to attend our program otherwise, reaching an additional 150 campers. More than \$58,000 is needed to provide lunch, trained staff, salaries, and to subsidize the total cost of enrollment.

Without the generous support of our sponsors, we would be unable to reach the number of students that we so. From the bottom of our hearts, thank you!

SEE YOU NEXT YEAR!



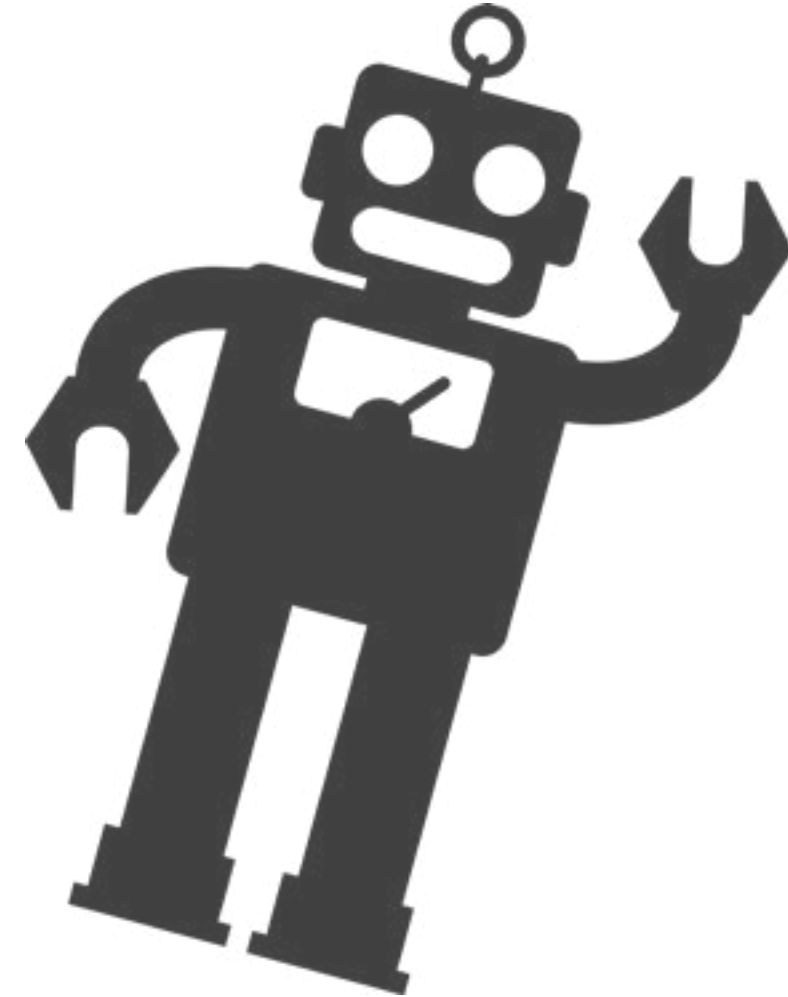
2017 Actua National Funders



2017 Actua Western Canada Major Funder



2017 Actua Saskatchewan Funder



University of Regina
3737 Wascana Parkway
Regina, SK S4S 0A2
306-585-5209
eyes@uregina.ca
eyes.uregina.ca