



ENGINEER IN RESIDENCE APPLICATION OPEN NOW!

Evolving the engineering profession by talking about it differently —

Despite the focus on STEM subjects in K-12 classrooms, engineering remains largely left out of the conversation. Students have entire periods dedicated to science, math and tech. Educators are expected to simply integrate engineering into the appropriate cross-curricular places.

Here's the kicker... many educators ARE teaching their students about engineering, they just don't call it engineering! They lack the language or may be intimidated by the complexity of engineering.

It's complicated, to be sure, but the connection to the future of humanity could not be more clear. The complex issues that engineers are designing solutions for these days require diverse thinkers. From engineering better medicines to making solar energy economical (source: NAE Grand Challenges for Engineering) there is work to be done to evolve the engineering profession to be able to come up with real solutions.

At Engineers of Tomorrow we're starting conversations early, with kids as young as 4. Utilizing a grass-roots model, combined with research-based methods, engineers are taking a human-first approach to help students see that there's a place for them in engineering.

Now, more than ever students and educators need support to help connect them to a bright future.

Engineer's of Tomorrow's flagship engineering outreach program - Engineer-in-Residence - teaches world-class, research-based STEM communication methodologies to local engineering professionals. Engineer volunteers learn how to design classroom experiences using social science and connect with students in rich and meaningful ways. They're matched with a class for a full school year and they apply those skills to create positive engineering experiences for their students.

Beyond the value that the Engineer-in-Residence experience adds to a young person's education, the EIR experience connects the engineers to a passionate community of like-minded people. EIR volunteers are transported to their younger days doing fun, hands-on activities like designing newspaper towers, building balloon powered cars, or making volcanoes erupt with baking soda and vinegar!

Join us and 600+ educators & engineers across Canada!

Apply now at: www.eir.ca !