

## Teens: CREATIVE MINDS



Travelling bilingual exhibition



200 m<sup>2</sup>



Teens, families, and general public



Educational program

Adolescence is a time of overflowing human creativity. At no other period in life do we simultaneously possess such great motivation to explore “what is possible” and such ease in learning.

The *Teens: Creative Minds* exhibition provides an exploration of young people’s brains and shines a light on the creative drive that engulfs them by presenting a dozen teenagers from across Canada who, in the last 100 years, have taken the path of innovation with the aim of changing the world!

### *Katie Brent, Ontario*

“At 17 years old, I designed a miniature device for a technology-based orthopedic sole that can be worn daily by people with a lower limb injury.”



### *Joseph-Armand Bombardier (1907-1964), Quebec*



“At 15 years old, I designed my first vehicle that could travel on snow, powered by a propeller connected to a Ford<sup>†</sup> four-cylinder engine.”



A hundred years ago, in Valcourt, Quebec, Joseph-Armand Bombardier accomplished a feat that would change the course of his life.

An inventor turned prolific innovator, he has certainly not been the only one!



GET TO know 12 Canadian innovators.

LEARN how failure is also a factor in success.

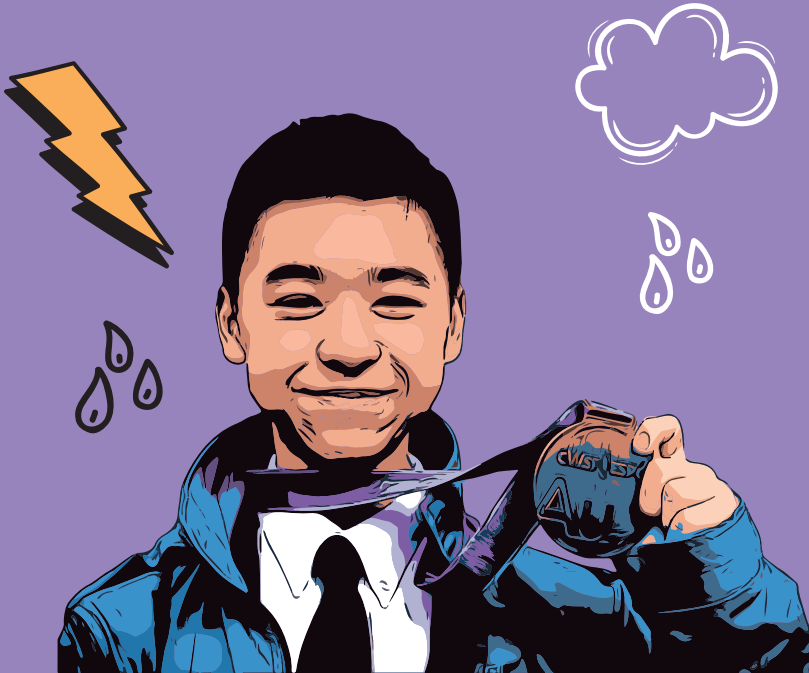
HAVE FUN experimenting with interactive devices to:

- Test and compare prototypes and innovations;
- Experiment with physical principles that support innovation;
- Participate in manual and digital games.

UNDERSTAND what happens in the teenage brain.

A one-of-a-kind experience to show how everyone has the potential to be creative, and that innovation can take many forms: social, technological, or environmental.

An opportunity to learn what drives young people to create; their determination, the importance of self-belief and belief in their ideas!



*Raymond Wang, British Columbia*

“When I heard rainfall against the roof of the house, I got the idea of storing this force to create energy. At 12 years old, I designed the weather harvester!”



*Jonathan Lévesque, Quebec*

“A family friend had a heart attack two weeks before her wedding. At 17 years old, I worked day and night for 8 months to create a multi-sensor robotic heart that adapts to the patient’s level of effort.”

The following innovations are also on the list: the character of Superman, the Jolly Jumper, the airless baby bottle, the iAid navigation system, the multi-function patellar orthosis, the simplified dialysis machine, the Blissymbol printer, and heated ski poles; each one as amazing as the next!

Accessible and popularized content developed in partnership with the Université de Sherbrooke in collaboration with Groupe DES (design and manufacturing) and the Sherbrooke Museum of Nature and Sciences (tour management).

PRODUCTION



COLLABORATION



CONTRIBUTION



## INFORMATION



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