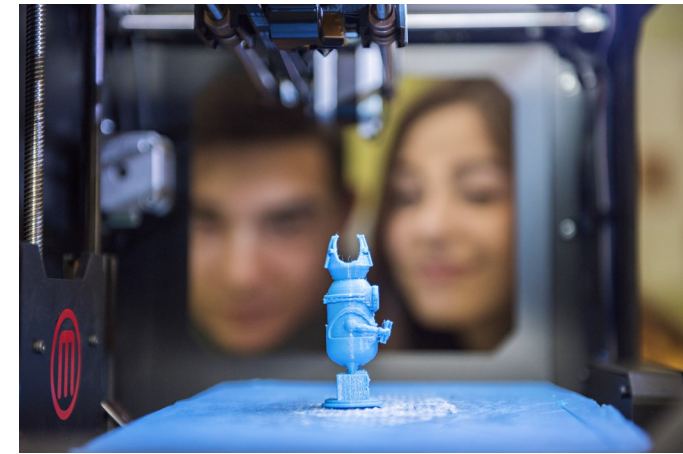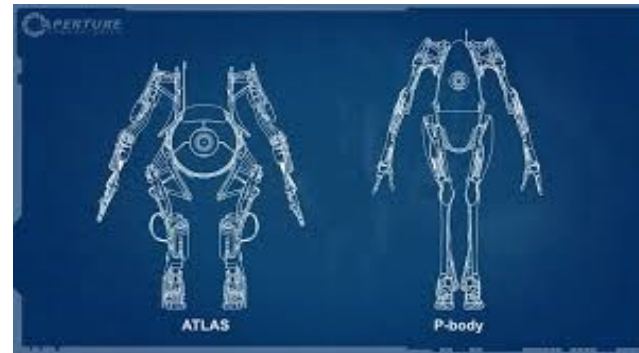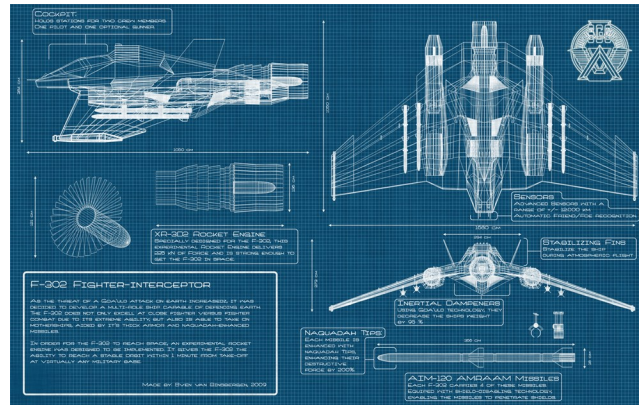## Fully Automated RC car

One of this year's projects is to create a truly smart car by combining lego robotics with an Arduino micro computers that will allow the car to self navigate and follow pre-programmed routes. Students will continue to enhance its abilities using various sensors.

"Ideas won't keep. Something must be done about them." **- Alfred North Whitehead**

"If at first, the idea is not absurd, then there is no hope for it." **- Albert Einstein**

"Everything begins with an idea." **- Earl Nightengale**

"Capital isn't that important in business. Experience isn't that important. You can get both of these things. What is important is ideas." **- Harvey Firestone**

"I can't understand why people are frightened of new ideas. I'm frightened of the old ones." **- John Cage**

innovators
cLub

A club that offers electrical, computer, mechanical engineering with graphic design and media training

Beaconsfield
High School
INFINITE POSSIBILITIES • INFINITE CHOICE

Innovator's
club

Beaconsfield
High School
INFINITE POSSIBILITIES • INFINITE CHOICE

250 Beaurepaire Drive
Beaconsfield, QC H9W 5G7
514.697.7220

Ever had a great idea but was did not know how to follow through with it?.

Team up with real engineers to help make it happen.

This club will help Beaconsfield High School move towards the STEAM (Science Technology Engineering Art and Math) approach to education. This particular project incorporates all the objectives of STEAM. We anticipate that this program will both engage and educate students of today and tomorrow.

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Mechanical and Electrical Engineering

Teams of student engineers will build various proto-types with the help of professional engineers and utilize school resources to help them innovate
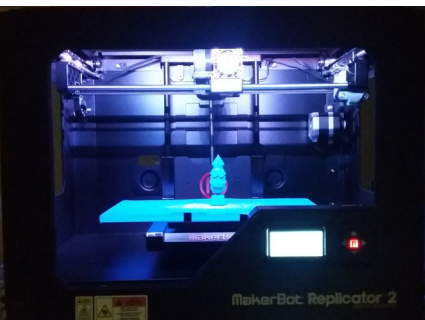
Computer Engineering

Computer programming teams will be taught how to program their inventions to performs amazing tasks with the help of a professional computer teacher.

Graphic Design and Media Training

Students will create 3d models of their future Inventions along with building websites, brochures and advertising using social media.

3D PRINTER

WE ARE HAPPY TO ANNOUNCE ONE OF THE MORE INNOVATIVE TOOLS BHS HAS TO OFFER... OUR VERY OWN 3D PRINTER AL-LOWING US THE FREEDOM TO MANUFACTURE PARTS WE MAY NEED

CREATIVITY IS THINKING UP NEW THINGS. INNOVATION IS DOING NEW THINGS.

Theodore Levitt

DIYGENIUS

Multiple Resources Offered

We are constantly building up our technological resources utilizing various grants and fund-raising activities and donations to build our club resources annually. Currently we have over 20 Lego robotic kits, a 3D printer, a raspberry pi and Arduino micro computers with various electrical kits, along with 10 laptops and ipads and our very own Drone! This is only the beginning...more to come...

Open to everyone

We have opened our club to all grade levels. Any student that has a passion for engineering or graphic design is welcome to explore and innovate with us.

The Only Bad Idea Is The One Not Shared With Others -- Aristotelis Grammatikaki

MakerBot. Replicator 2

Let our BHS Innovators Club prepare our students for the Future!!