



BRDHS

BELLE RIVER DISTRICT HIGH SCHOOL



Science Department

Check us out at www.bellerivernobles.ca



A Noble Choice

COURSE DESCRIPTIONS:

Science, Grade 9 Destreamed, SNCIW

Students will study the basic concepts in biology, chemistry, earth and space science, and physics, and **relate** science to technology, society, and the environment. Students will develop their skills in the **processes** of scientific investigation. Students will acquire an understanding of **scientific theories** and conduct investigation.

Gr. 9 Locally Developed Science, SNCIL

A locally developed course to help transition science students from the grade 8 curriculum into the Workplace-level Science stream.

Your child's grade 8 teacher and the BRDHS Guidance Department will help with deciding if this is the proper choice for their grade 9 science selection.

WHAT WE OFFER

EXPERIENTIAL LEARNING

Inquiry-based learning is the beating heart of noble science at BRDHS. Grade 9 students will design, build and experimentally determine the efficiency of a lead-acid battery; compete in the annual 'pop can derby' using only the electrostatic force for propulsion; build functional parallel and series circuits using household wiring components to study various applications of Ohm's law. And that's just in the electricity unit alone. Many more exciting adventures await!



HIGH SKILLS MAJOR IN ENVIRONMENTAL STUDIES

By taking a select combination of Science and Geography courses, students can earn a High Skills Major Seal in Environmental Studies for their Ontario Secondary School Diploma.



"The scientist is not the person who gives the right answers but the one who asks the right questions."

Claude Levi-Strauss



Department Head of Science

Mr. P. Earls

SCIENCE CLUBS

Noble Green Environmental Club

Students use a group approach to problem solving as we move forward toward a more sustainable school community under the direction of Ontario Ecoschools.



MYSTEM:

mySTEM is a personalized, integrated program that prepares students for post-secondary pathways in Science, Technology, Engineering and Mathematics. Students in the program will choose to specialize in one of three areas:

- Medical Science and Natural Science
- Engineering, Robotics, Computer Science, and Mathematical
- Digital Arts & Design Technology