



# BRDHS

BELLE RIVER DISTRICT HIGH SCHOOL



## Science Department

### 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

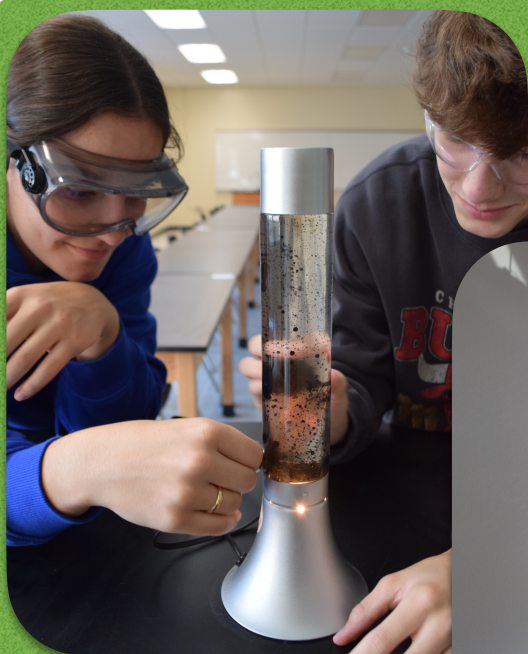
#### EXPERIENTIAL LEARNING

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.



## **SCIENCE OLYMPICS:**

The Science Olympiad is an annual, one-day competition hosted by the University of Windsor that focuses on inquiry-based problem solving and teamwork.

Secondary students from both local and out of district school boards are presented with a variety of spontaneous problems that are best solved through a combination of science knowledge, lab skills and creative thinking.