



Pursuit of Excellence: Science Pathway

Staff Contact: Mr. Vucko

The Science pursuit of Excellence program is designed to give students, who are interested in the sciences, a thorough and rigorous exposure to Biology, Chemistry, and Physics.

Required Coursework:

- Biology 11
- Chemistry 11
- Physics 11
- **at least 2 of:**
 - Biology 12
 - Chemistry 12
 - Physics 12,
- **at least 1 of:**
 - AP Biology
 - AP Chemistry
 - AP Physics

Science Fair Project:

Students enrolled in the Science Pursuit of Excellence Program are required to complete one Science Fair Project during each school year. In grades 11 and 12, students select one science class in which they will do their science fair project. Be sure to refer to the science fair information website for directions and suggestions.

Alternate activities are possible but must be pre-approved by Mr. Vucko.

Pathway Exploration/Work Experience: 20 hours over 2 years.

Examples:

- Volunteering with Vancouver Island Health Authority
- Job shadowing a professional in the field of science
- Interviewing a professional in the field of science
- Attending an information session for a science program at a postsecondary institution
- Interviewing current students or recent graduates of a science program
- volunteering for events hosted by the Science Department

Name: _____

Science Pathway Tracking Form

Course	Year and Semester Completed	Grade (%)
Biology 11		
Chemistry 11		
Physics 12		

Pathway Exploration/Work Experience: 20 hours total (may be completed any time during grades 11 and 12)

Examples:

- Volunteering with Vancouver Island Health Authority
- Job shadowing a professional in the field of science
- Interviewing a professional in the field of science
- Attending an information session for a science program at a postsecondary institution
- Interviewing current students or recent graduates of a science program
- volunteering for events hosted by the Science Department

Once you have completed your pathway related activities, log your hours in a Pathway Exploration/Work Experience Form. Fill out one form per activity.

Science Fair

GRADE 11:

Briefly describe your science fair project or alternate activity. Include what you learned from the experience.

I _____ verify that _____ has completed the
TEACHER STUDENT

requirements for the science fair or approved alternate activity.

STAFF ASSESSOR SIGNATURE

GRADE 12:

Briefly describe your science fair project or alternate activity. Include what you learned from the experience.

I _____ verify that _____ has completed the
TEACHER STUDENT

requirements for the science fair or approved alternate activity.

STAFF ASSESSOR SIGNATURE