

## Pursuit of Excellence Pathway Overview

This is a general overview of the grade 11 and 12 Pursuit of Excellence Pathways. For more details, refer to specific tracking sheets and/or speak with a staff contact.

**Each pathway will require the following:**

- Completion of specified coursework
- Pathway tasks as determined by individual departments
- 10+ hours related work experience per year - some departments will specify the type.

Pathway	Grade 11	Grade 12	Staff Contact
<b>Architecture</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Pre-Calculus 11</li> <li>● Physics 11</li> <li>● Chemistry 11</li> <li>● Drafting 11*</li> <li>● At least 1 art course</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Pre-Calculus 12</li> <li>● Physics 12</li> <li>● Chemistry 12</li> <li>● Calculus 12 or Math 100</li> <li>● Drafting 12*</li> <li>● At least 1 art course</li> </ul>	Mr. Beeston
	<p>* note: if you have already taken Drafting 9 or 10, only one senior level of drafting is required.</p> <p><u>Recommended Coursework:</u></p> <ul style="list-style-type: none"> <li>● a Business elective</li> </ul>		
	<p><b>Architecture Portfolio:</b> 10 original pieces demonstrating artistic design - may include hand drawings, paintings, sculptures, photography, technical drawings, computer graphics, and model making.</p> <p><u>Note:</u> Architecture Portfolios are required for admissions to most university architecture programs</p>		
<b>Business</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Marketing 11</li> <li>● Accounting 11</li> <li>● C or higher in Foundations Math 11 or Pre-Calculus 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Accounting 12 or Accounting 110</li> <li>● <b>At least 1 of:</b> Business 130, 140, 150, or Marketing 110</li> </ul>	Mr. Bussoli
	<p>10 hours of school store work experience AND 10 hours of non-school work experience each year (non-school work experience may be paid employment)</p>		

Pathway	Grade 11	Grade 12	Staff Contact
<b>Education</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● courses required to gain admissions into post-secondary institute(s) of choice</li> <li>● student teaching assistant block (4.0 credits) with mentor of choice [in grade 11 and/or 12]</li> </ul> <u>Other Requirements:</u> 20 hours (per year) of volunteer or paid teaching-related service (school or community). Ex: coaching, tutoring, reading buddies, instructing (dance, swim, etc...), Little Spartans Daycare, etc...		Ms. Tong
<b>Engineering</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Pre-calculus 11</li> <li>● Chemistry 11</li> <li>● Physics 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Pre-calculus 12 (at least 73%)</li> <li>● Chemistry 12</li> <li>● Physics 12</li> <li>● at least 1 AP or college level science or math course.</li> </ul>	Ms. Tong
<b>English</b>	<p>The English department offers three possible streams: general, creative writing, and literature.</p> <p><u>Required Coursework:</u></p> <ul style="list-style-type: none"> <li>● GENERAL - <b>at least 3 of:</b> English 11 Enriched, AP English Language and Composition, Literature 12, AP English Literature and Composition, Writing 12, English 12 First Peoples</li> <li>● CREATIVE WRITING - Writing 12 (may take in both grades 11 and 12) and <b>at least 1 of:</b> English 11 Enriched, AP English Language and Composition, Literature 12, AP English Literature and Composition, English 12 First Peoples</li> <li>● LITERATURE - English 11 with a B or higher, Literature 12 and AP English Literature and Composition</li> </ul> <p><u>Other Requirements:</u></p> <ul style="list-style-type: none"> <li>● a leadership activity - ex: organize a book fair, poetry reading, student activity (ex: celebrating Shakespeare's birthday, chalking sidewalk poetry), or literary event (school or community)</li> <li>● attend at least one literary event (school or community) per year</li> <li>● submit original work to at least two writing competitions (Creative Writing stream only)</li> <li>● participate in a poetry reading (Creative Writing stream only)</li> </ul>		<p>Ms. Tong (English Literature)</p> <p>Ms. Gordon-Cooper (Creative Writing)</p>

<b>Pathway</b>	<b>Grade 11</b>	<b>Grade 12</b>	<b>Staff Contact</b>
<b>Fine Arts</b>	Refer to coursework requirements for Focus on Fine Arts		Mr. Plant
<b>Food Studies and Nutrition</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Foods Studies 11 and/or Cafeteria 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Food Studies 12 and/or Cafeteria 12</li> </ul>	Mrs. Parks
	<u>Other Requirements:</u> <ul style="list-style-type: none"> <li>• completion of Food Safe</li> <li>• participation in Skills Canada is strongly recommended</li> </ul>		
<b>Global Solutions</b>	Refer to coursework requirements for Global Solutions 11 and 12		Mr. Neufeld Mr. Mitchell
<b>Information Technology</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Digital Media 11</li> <li>• Pre-Calculus 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Digital Media 12</li> <li>• Pre-Calculus 12</li> </ul>	Mr. Beeston
	<u>Other Requirements:</u> <ul style="list-style-type: none"> <li>• self-directed project in area of interest</li> </ul>		
<b>Interior Design</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• two levels of Drafting (1 at senior level)</li> <li>• at least two levels of art (1 at senior level)</li> </ul> <u>Recommended Coursework:</u> <ul style="list-style-type: none"> <li>• a business course</li> </ul> <u>Other Requirements:</u> <ul style="list-style-type: none"> <li>• self-directed interior design project (may be completed through drafting class)</li> </ul>		Mr. Beeston
<b>Law</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Law 12</li> <li>• AP Language and Composition</li> <li>• Criminology</li> <li>• 2 senior level humanities electives</li> </ul> <u>Other Requirements:</u> <ul style="list-style-type: none"> <li>• Must take on a significant role during the mock trial. (Only students in good standing will receive significant roles).</li> </ul>		Mr. Quested
<b>Mathematics</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• 4 senior level Mathematics courses (one must be Calculus 12 or Math 100)</li> </ul> <u>Other Requirements:</u> <ul style="list-style-type: none"> <li>• participation in Math Club</li> <li>• 2 Math competitions (over grades 11/12)</li> <li>• Math fair project</li> <li>• at least 30 hours of math tutoring (over grades 11/12)</li> </ul>		Mr. Belvedere

Pathway	Grade 11	Grade 12	Staff Contact
<b>Medical Sciences</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Biology 11</li> <li>● Chemistry 11</li> <li>● Pre-Calculus 11</li> <li>● <b>at least 1 of:</b> Physics 11, Psychology 11, Digital Media 11, Astronomy 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Biology 12</li> <li>● AP Biology</li> <li>● Chemistry 12</li> <li>● Pre-Calculus 12</li> <li>● <b>at least 2 of:</b> Physics 12, Psychology 12, Digital Media 12, Astronomy 12, AP Chemistry, AP Physics, Calculus 12, Math 100</li> </ul>	Ms. Tong
<b>Modern Languages</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Grade 11 <u>and</u> 12 level language of choice</li> </ul> <u>Other Requirements:</u> <ul style="list-style-type: none"> <li>● a leadership activity (ex: peer tutoring, international peer advising, student teaching assistant, etc...)</li> <li>● a community activity involving language (ex: summer immersion programs, volunteering with the ICA, community Francophone or Hispanic activities, school exchange to Spain, Mexico, France, or Quebec)</li> </ul>		Mme. Guthrie-Bedard (French) Sra. Stover (Spanish)
<b>Physical Education</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● <b>at least 3 senior PE courses:</b> Community Recreation 11/12, Outdoor Pursuits, Fit for Life, Human Performance, CSI, Strength and Conditioning</li> <li>● Athletic Leadership 11/12</li> <li>● PE assistant for a junior PE class</li> </ul> <u>Other Requirements:</u> <ul style="list-style-type: none"> <li>● complete a 5-session mini-practicum at a middle or elementary school</li> <li>● complete certification in Level I coaching</li> <li>● complete CPR “C” certification</li> </ul>		Mr. Ryan
<b>Science</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● Biology 11</li> <li>● Chemistry 11</li> <li>● Physics 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>● <b>at least 2 of:</b> Biology 12, Chemistry 12, or Physics 12</li> <li>● <b>at least 1 of:</b> AP Biology, AP Chemistry, or AP Physics</li> </ul>	Mr. Vucko
<u>Required Project:</u> Science Fair or approved alternative in <u>both</u> grades 11 and 12. <ul style="list-style-type: none"> <li>- alternatives in the past have included participation in the Physics Olympics, internships at the cancer research centre, etc...</li> </ul>			

Pathway	Grade 11	Grade 12	Staff Contact
<b>Social Studies</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• Social Studies 11</li> <li>• <b>at least 2 of:</b> Global Studies 11, BC First Nations 12, Earth Science, Psychology 11, or Law 12</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• <b>at least 3 of:</b> Law 12, Psychology 12, History 12, Geography 12, or Criminology</li> </ul>	Ms. Heppell
<b>Technology Education</b>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• <b>at least 2 of:</b> Electrical 11, Metal 11, Wood 11A/11B/11FA, Drafting 11</li> </ul>	<u>Required Coursework:</u> <ul style="list-style-type: none"> <li>• <b>at least 2 of:</b> Electrical 12, Metal 12A/12B, Metal Art 12, Wood 12A/12B, Drafting 12</li> </ul>	Mr. Beeston Mr. Lowe