

PSSP/OSSD Curricula



Acadecap
International School

Content

- A. Developmentally Appropriate Models of Learning
- B. AcadeCap's Secondary School Initiative
- C. 21st Century Learning Curriculum©
- D. Pre-Secondary School Programme (PSSP)
- E. Ontario Secondary School Diploma (OSSD)
- F. OSSD Graduation Requirements
- G. School Life and Travel

Developmentally Appropriate Models of Learning

Term	Analogy	More
Transdisciplinary	<ul style="list-style-type: none"> This approach is like a cake. Individual elements are combined and transformed into something completely new. This approach begins and ends with a problem, issue, or theme, and is not confined by traditional boundaries. Unites knowledge, and goes between, across, and beyond the disciplines. Disciplines are no longer distinguishable. 	PYP
Interdisciplinary	<ul style="list-style-type: none"> This approach is like a stew; some individual elements can be partially identified within the whole. The boundaries between disciplines blur, but remain distinguishable. 	PSSP
Multidisciplinary	<ul style="list-style-type: none"> This approach is like a salad; all individual elements remain identifiable. This approach begins and ends with a topic. Boundaries remain between subjects, but a topic is studied between multiple disciplines at the same time. 	OSSD



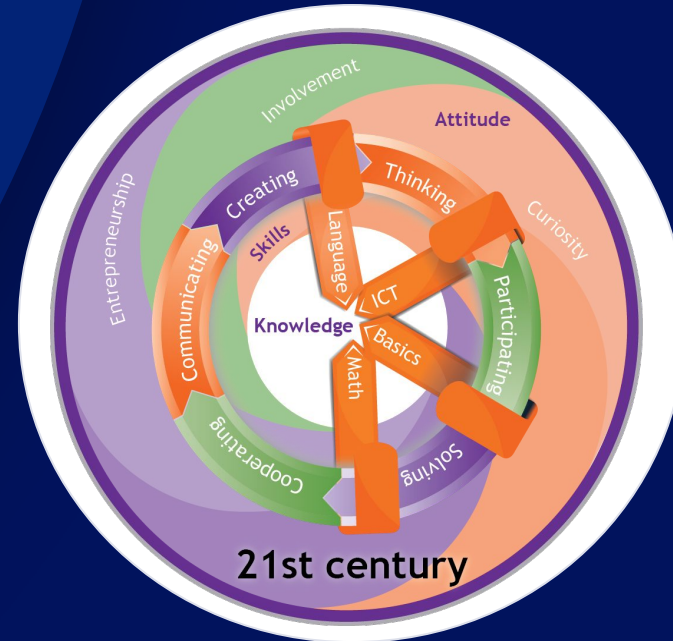
Approaches to Learning

- Project-based
- Role switching
- Flipped classroom
- Split screen
- Experiential

PSSP, OSSD & the 21st Century Learning Curriculum

Connecting studies in traditional subjects and real world through the development and mastery of 21st century identified core competencies in:

- Communication
 - Self-management, life and career
 - Complex problem solving
 - Collaborative problem solving
 - Literacy proficiency
 - Green and sustainability initiatives
- © Three tiers across grades 7 to 12



From Grade 7 to 12, dynamic and purposeful learning for now and beyond ...



- Mastery of core competencies and subject content
- Differentiation and reach-ahead opportunities
- Collaborative problem solving across the ages
- Effective communication focus
- Experiential and interdisciplinary activities
- Green learning and sustainability practices
- Inclusiveness, diversity, intercultural competence and international mindedness

The Learning Environment

- Small school, small class sizes
- Open space locale for the PYP
- Smaller dedicated focus spaces for the PSSP/OSSD
- STEM Maker Lab, Music Room, Visual and Media Art Room, Martial Arts Dojo
- Green treed outdoor space with access to nature walking and biking trails and a huge sports field.



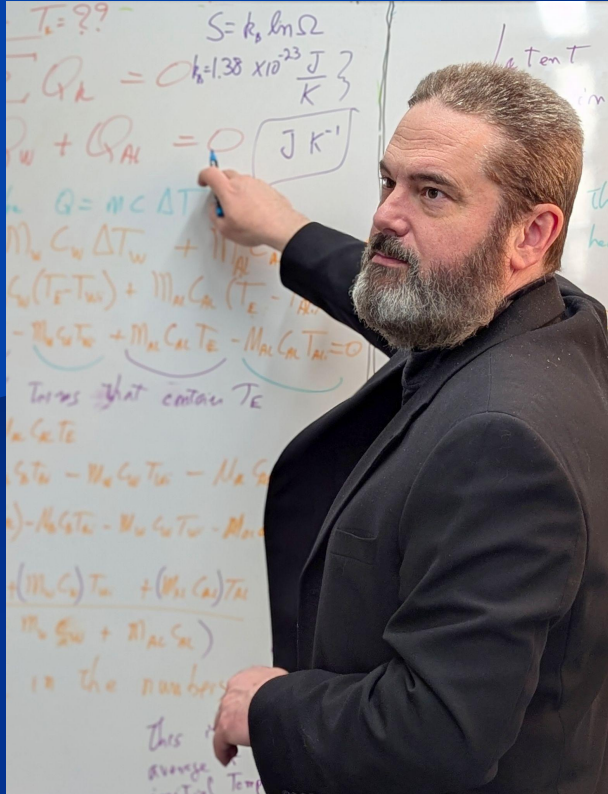
Educators Make the Difference

Our educators are:

- specialists in their fields
- knowledgeable in best teaching practices
- lifelong learners by way of continued IB, Orton-Gillingham and Marzano teacher training self-motivated and independent learners
- adaptive and flexible
- comfortable, efficient and engaging online and onsite

They hold international, Canadian, and/or provincial, teaching certification and university degrees, from bachelors to doctorates, in their field.

AcadeCap Educators Guide Students:



- to make reasoned self assessments,
- to behave in responsible, respectful, and sustainable ways,
- to have opportunities to practice leadership, collaboration, and communication skills,
- to have tools and strategies for academic success,
- to have access to differentiated learning materials,
- to be supported, heard and respected.

Mathematics at AcadeCap

Mathematics at AcadeCap can be broadly divided into three approaches.

- In the IB PYP, mathematics is taught using a concept-based, often visual and tactile, approach.
- In the PSSP, mathematics is taught using a context-based, often narrative-based approach.
- Finally, at the OSSD,, mathematics is taught in an application-based, problem-solving approach.

This continuum approach is fundamentally “concept-before-code.”



The continuum enables students to participate annually with growth and success in international mathematics competitions.

Sample Teaching Approach – Biology 11 & 12

- Students build on prior knowledge to engage in making connections between the scientific concepts and their application in real-life situations.
- During labs, through experiments and while exploring habitats, they apply scientific thinking and practice skills.
- Through case studies and guided learning they make connections between society, technology and the environment.



Language Studies/Bilingualism

English:

- Ontario Ministry of Education requirements and more
- Grammar taught in context, tailored to the students
- Personalized differentiation for
 - advanced students
 - students with learning differences.
- Grade 10 students write the Ontario Secondary School Literacy Test (OSSLT)



AcadeCap's key English differentiators:

- Multidisciplinary and interdisciplinary approach
- Students taught by teachers with Masters in Language Teaching and Learning
- Students read and discuss two or more novels per year
- Students enter poetry and other writing competitions

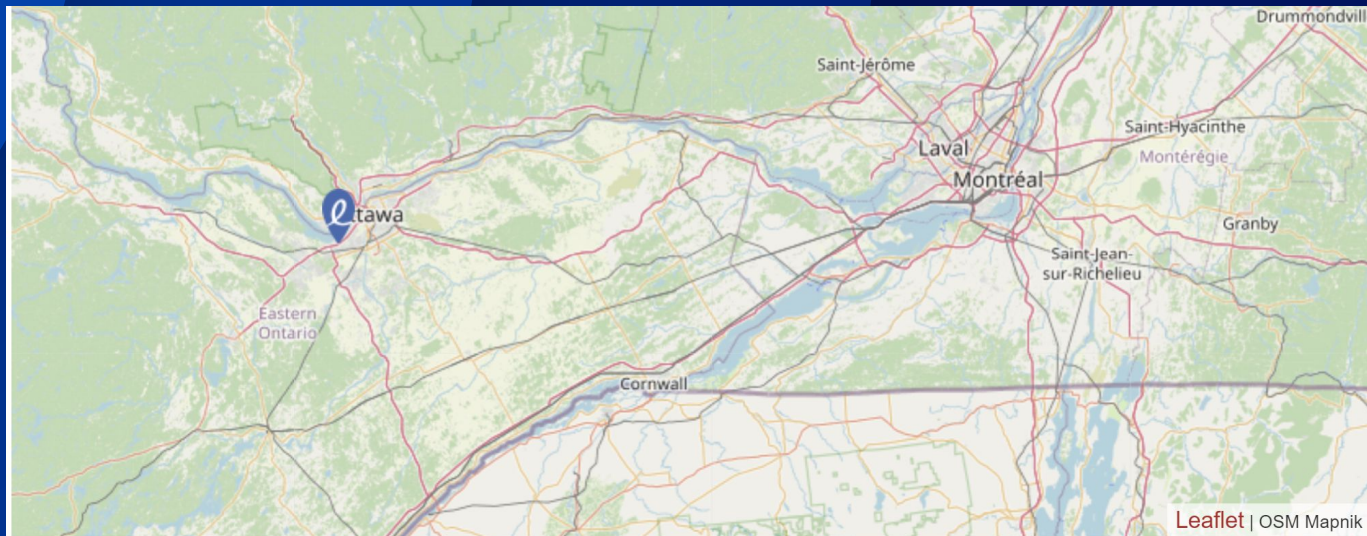
Language Studies/Bilingualism

French:

- At AcadeCap, French is taught as a second language
- Selected courses regularly offered in French
- At AcadeCap, students learn about the French language and study it; they develop academic French to learn to learn and they learn about different topics/subjects through the French language.

Acadecap's key French differentiators:

- DELF (internationally recognized certification)
- Label FrancEducation accreditation



List

School name	City	Country	Primaire	Collège	Lycée
Acadecap International School	Ottawa	Canada	✓	✓	✓

Language Studies/ Multilingualism

The Canadian mosaic:

This year we teach:

- Spanish
- In recent years, upon demand,
- we have taught:
 - Mandarin
 - Arabic
 - Italian
 - German
 - Braille



Personal, Social and Physical Education (PSPE)

The aims of the PSPE are to encourage and enable students to:

- use inquiry to explore physical and health education concepts
- participate effectively in a variety of contexts
- understand the value of physical activity
- achieve and maintain a healthy lifestyle
- develop conative skills
- collaborate, communicate effectively and develop fairplay
- reflect on their learning experiences
- develop self-control and discipline via Jiu-jitsu
- experience the outdoors: ample treed green space, sports field and walking and biking trails

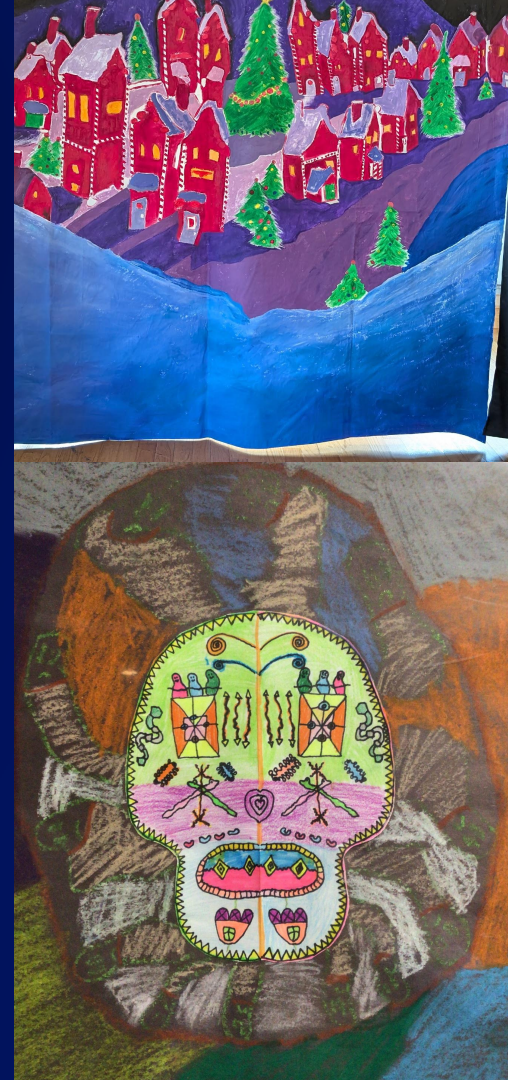


Visual and Performing Arts

We teach...

- Drama
- Digital photography
- Film/video
- Photocopy Art
- Painting
- Sculpture
- Sketching
- Music Theory and Appreciation
- Violin or keyboarding

The Arts foster creativity as well as critical thinking and problem solving skills that students will use throughout school to adulthood.



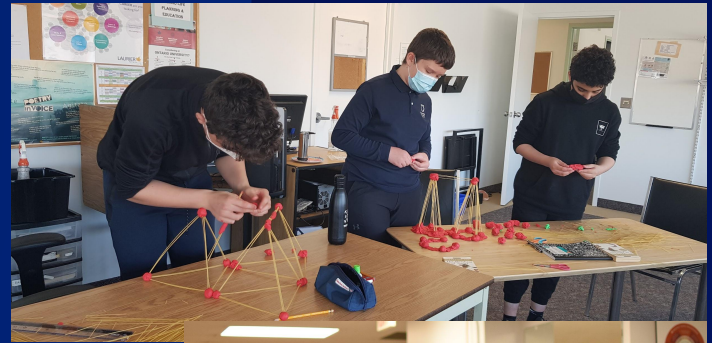
iSTEAM

Why iSTEAM ?

Because students will:

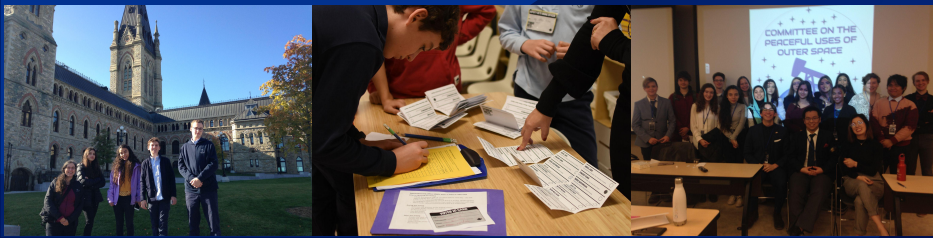
- take risks
- engage in purposeful learning activities
- become resilient problem solvers
- appreciate collaboration
- work through the creative design process

iSTEAM education develops innovation, and 21st century core competencies

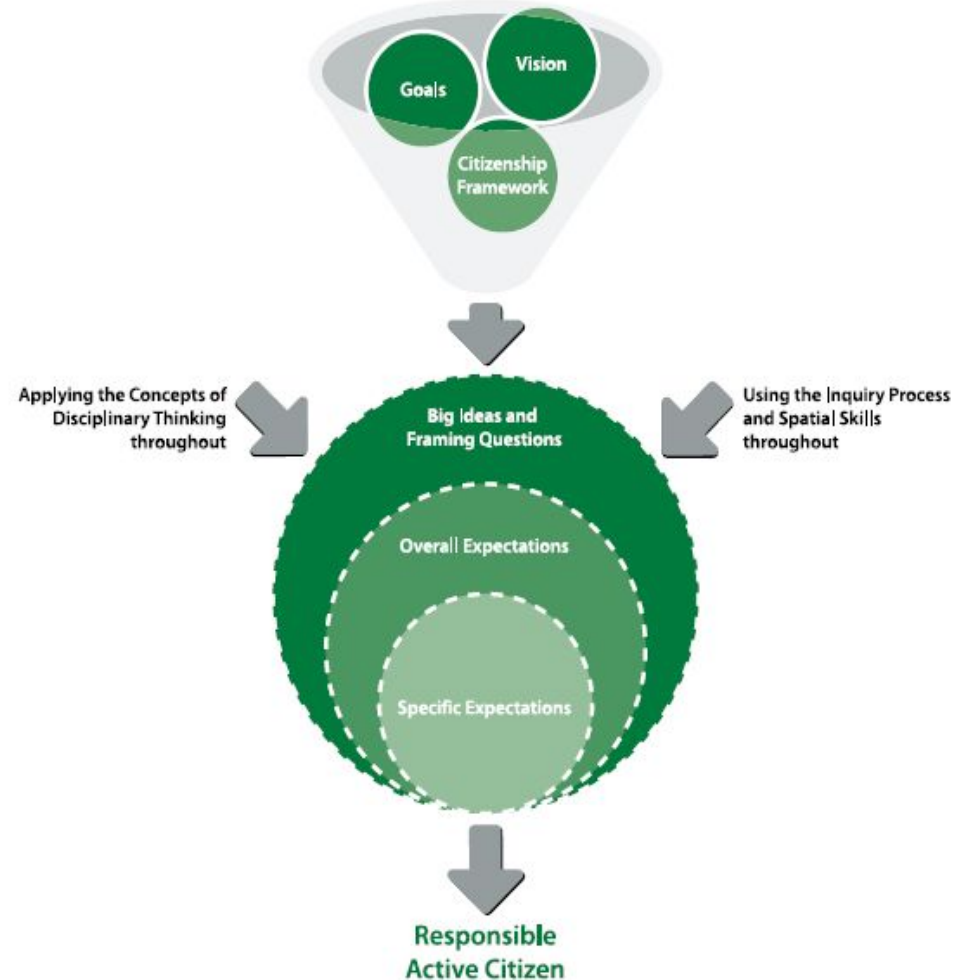


Canadian, World Studies and Globalism

- investigate issues, events, and developments
- gather and analyse information, solve problems, and communicate
- participate in civic engagement projects
- school-wide and community involvement



Connecting the Pieces



Career and Life Education Programme

Vision:

- All students leave secondary school with a **clear plan** for their initial post secondary destination
- And the **confidence** in their ability to implement and revise their plans throughout their lives.



Career and Life Education Programme

TED-ED Student Talks

- Reflective journaling
- Collaborating and sharing ideas
- Learning the art of effective feedback
- Script writing and storyboarding
- Researching
- Practising public speaking skills
- Recording and editing
- Presenting and sharing

ACADECAP



TED-Ed Student Talks

End of Year Student e-Portfolio

- E-portfolio created using Google Sites
- Selected works from each course
- Annotations and reflections
- Presented during the final parent-student-teacher conferences in Term 2
- Every year students continue to add selected work their portfolio

Homework

- reinforces and extends students' learning,
- offers students an opportunity to develop responsibility and self-management skills,
- is communicated clearly to students, checked by teachers and feedback is given,
- is practiced within the guidelines of academic honesty and integrity,
- and follows the recommended homework duration chart.

Assessment and Reporting

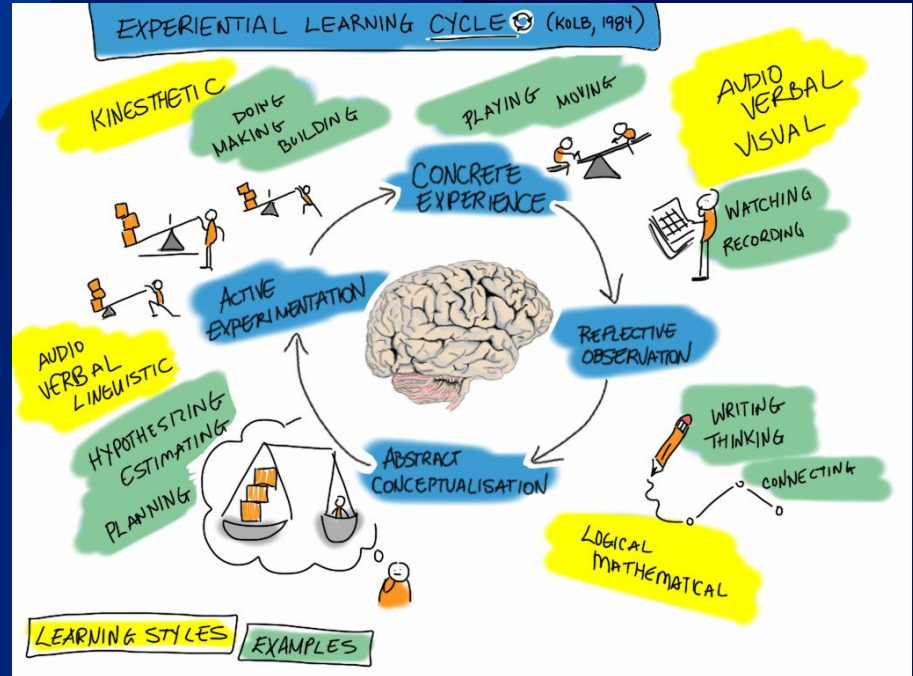
Why do we assess?

- to support and encourage student learning by providing and obtaining feedback;
- to allow for mastery of learning expectations;
- to inform, enhance and improve the teaching process;
- to inform students and parents about progress and performance.

When and how do we report?

- 3 report periods November, March and June with 3 - Way Conferencing
- Toddle PSSP report card
- Ontario Ministry of Education OSSD report card

The PSSP Approach



OSSD at Acadecap

- An Ontario Ministry of Education OSSD inspected school since 2002.
- Offers an English language Ontario Secondary School Diploma (OSSD).
- Option to obtain a French Immersion Certificate by way of criteria established by the Ontario Ministry of Education.
- Our students are prepped with extensive conceptual understandings and knowledge, and various skill sets, including well-developed higher order thinking skills, to achieve academic success. They move on to the second and third tier of the 21st Century Learning Curriculum©.

OSSD Graduation Requirements: Community Involvement

- All OSSD students collect at least 40 hours; many collect at least 100 hours in a field of choice.
- Collection of hours can start in the summer after Grade 8.
- Online, in school and in family volunteering now acceptable.

Our graduates on their way ... to a post-secondary education and career

- *Brock University Program: Game Design Scholarship: \$10000*
- *Ryerson University Program: RTA School of Media - New Media - Scholarship: \$8000*
- *Carleton University Program: Interactive Multimedia and Design - Scholarship: \$12000 or \$16000 over 4 years depending on final GPA \$8000 from awards for the first year*
- *University of Ottawa Program: Political Science/Communications - Scholarship: \$4000*
- *McGill University: Program: General Studies*
- *Franklin University Switzerland Program: Political Science - Scholarship: \$19,000*
- *University of Toronto Program: Computer Science - Scholarship: Under Review*
- *Queen's University Program: Bachelor of Science Honours - Scholarship \$1500*
- *University of Ottawa Program: Bachelor of Science in Chemistry Honours Program: Bachelor of Science Biology Honours*
- *University of Toronto Program: Bachelor of Science - Scholarship with a personal invitation "to join some of the brightest minds from around the globe": \$11500*

School Life

Co-curricular activities

Extra curricular opportunities

School events



Co-curricular Activities

- Hour of Code
- Caribou Math Contests
- CMOJ and CMCJ contests
- Carleton U Let's Talk Science programmes
- uOttawa Maker Mobile
- uOttāHack
- Cirque du Soleil
- Chess Club and Tournaments
- TED-Ed Student Talks Programme
- Field trips, guest speakers and travel
- Skiing/Snowboarding/Snowshoeing
- DELF, La Dictée P.G.L., Manie Musicale
- Year-end trips: UWC Pearson, Tadoussac, Montreal Neurological Institute (MNI), Bamfield Marine Center, Quebec City, Vancouver, Newfoundland...



Extra-curricular Activities

- Ottawa Regional Science Fair
- CAPMUN - Capital Region Model United Nations
- Let's Talk Science
- Chess Club
- Natural History Club
- DELF
- Intramural sports



- Meeting Canadian Physics Nobel Laureate Donna Strickland

