



Performance Learning Program

Manhattan Project²

September 2016

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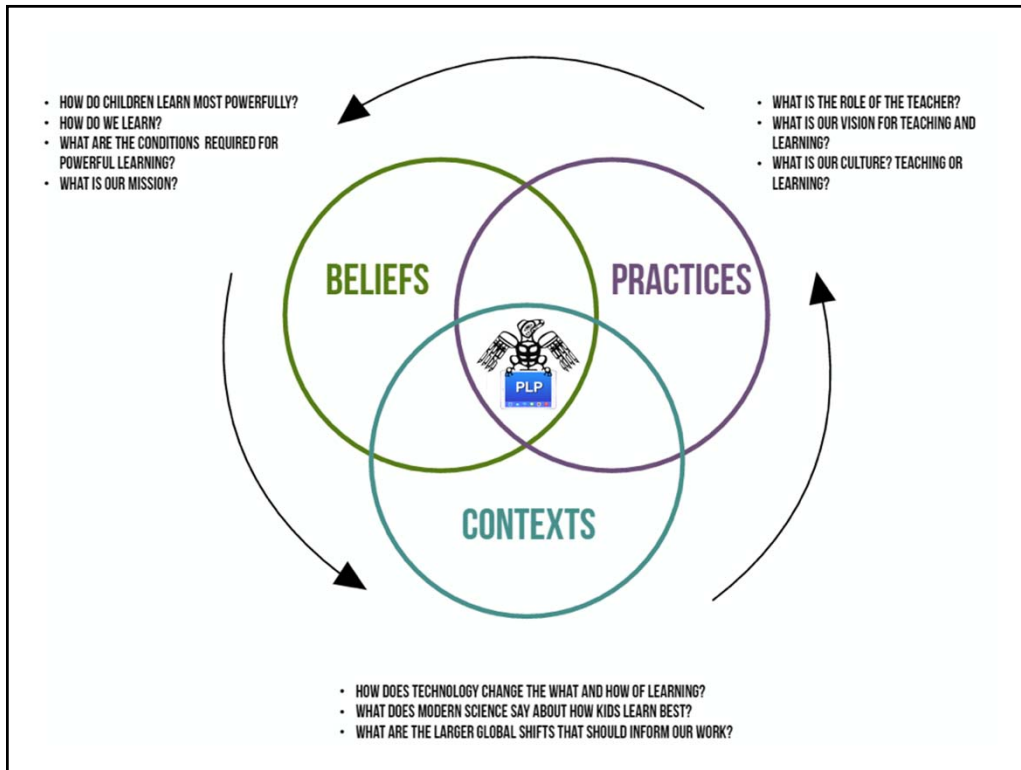
at Seycove Secondary

PLP is an academically rigorous mainstream magnet program for students that seek a challenging, enriching, and supportive learning environment.

With a focus on deeper learning, students master core academic content, think critically to solve complex problems, work collaboratively, communicate effectively, and develop academic and growth mindsets.

PLP students work hard, take risks, and learn how to learn.





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PLP instructional triad:

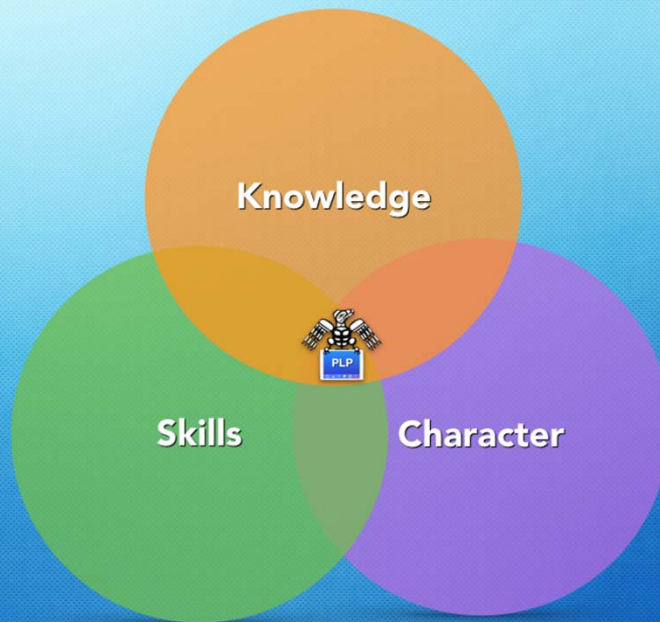
1 - Inquiry and Project-Based Learning

2 - Technology for Learning

3 - Learning Beyond the School



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North Vancouver School District

In-Session: 09/7/16 – 10/7/16
Instructor: Bryan Hughes
Department:

Created: 08/12/16
Updated: 09/15/16

DRIVING QUESTION

How did the development of the atomic bomb affect the lives of those living in the Hanford area and what role did they play in ushering in the atomic era?

On July 16, 1945, a brilliant flash in the New Mexico desert changed the world forever. In the years since the world's first atomic explosion, code-named Trinity, the promises and perils of nuclear science have touched nearly every aspect of our culture and politics. Guided by the driving question above, this project will look closely at the people, places, and events of the Manhattan Project, the extraordinary research and development project that produced the world's first nuclear weapons and irrevocably changed the course of our history.

Big Idea

Global and regional conflicts have been a powerful force in shaping our contemporary world and identities.

Curricular Competencies

Students are expected to be able to:

- Explain and infer different perspectives on past or present people, places, issues, or events by considering prevailing norms, values, worldviews, and beliefs (perspective)

Content

Students are expected to know:

- International conflicts and co-operation (global armed conflicts and Canada's role in them)
- Evolution of military technology
- Arms race
- Social and cultural developments (advent of the Atomic Age)





What we know and understand

- Traditional content
- Curricular competencies
- Modern topics (information, media, and digital literacy)
- Interdisciplinary (learning across subject silos)
- Authentic inquiry



How we use what we know

- Creativity and innovation
- Critical thinking
- Communication
- Collaboration
- Problem solving





Character

How we behave and engage in the world

- Curiosity
- Courage
- Resilience
- Flexibility and adaptability
- Ethics
- Leadership
- Initiative and self-direction
- Responsibility



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