Project-Based Learning
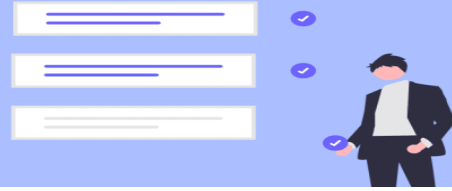
Project Based Learning (PBL) is an instructional methodology that encourages students to learn and apply knowledge and skills through an engaging experience. PBL presents opportunities for deeper learning in-context and for the development of important skills tied to college and career readiness.

Characteristics of Project Based Learning

Here are three characteristics of meaningful project-based learning activities that lead to deeper student understanding:

1.) Inter-disciplinary

PBL focuses on engaging students with real-world problems. This is an interdisciplinary approach because real-world challenges are rarely solved using information or skills from a single subject area. Projects require students to engage in inquiry, solution building, and product construction to help address the real-world issue or challenge presented. As students do the work, they often use content knowledge and skills from multiple academic domains to successfully complete the project.

2.) Rigorous

Project based learning requires the application of knowledge and skills, not just recall or recognition. Unlike rote learning that assesses a single fact, PBL is more complex and can be used to assess how students apply a variety of academic content in new contexts. As students engage in the work of a project, they follow a process that begins with inquiry. Inquiry leads to deeper learning, not just related to academic content, but also related to the use of content in real world applications. Inquiry processes can help lead to the development of solutions that address the problem/challenge of the project and the creation of products to communicate solutions to an audience based upon the application of content and skills.

3.) Student-cantered

In PBL, the role of the teacher shifts from content-deliverer to facilitator/project manager. Students work more independently through the PBL process, with the teacher providing support only when needed. Students are encouraged to make their own decisions about how best to do their work and demonstrate their understanding. The PBL process fosters student independence, ownership of his/her work, and the development of 21st century/workplace skills.
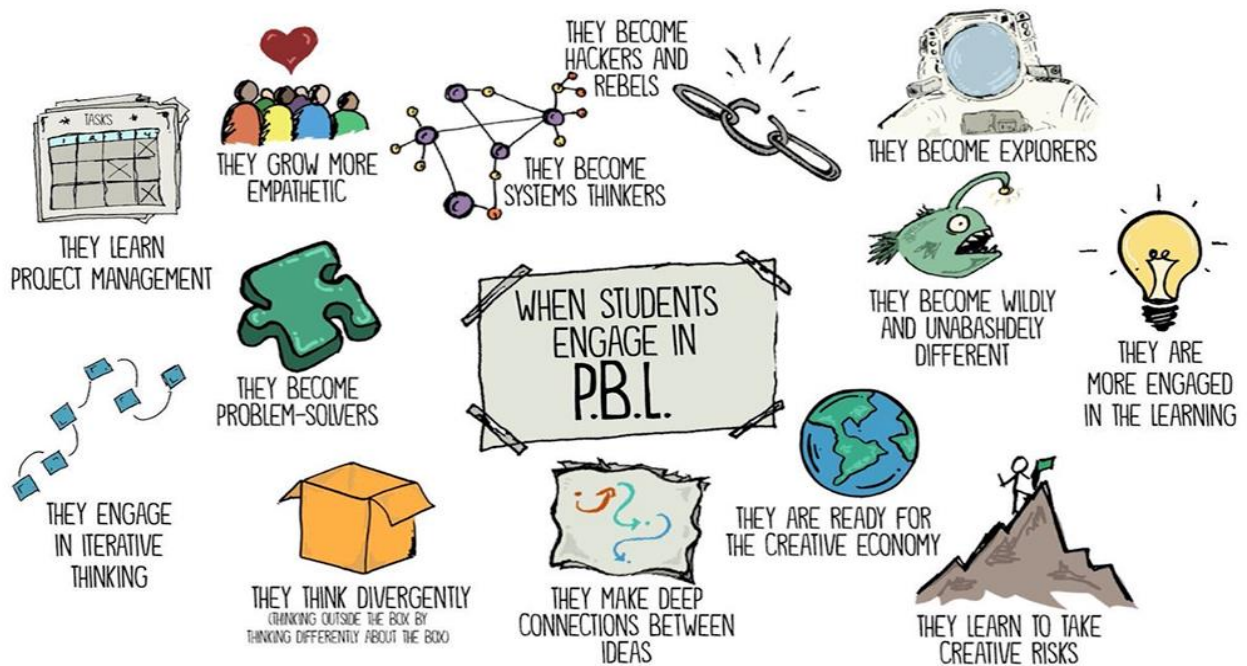
CONTENT

Day 1	09:00-10:30	Introduction to PBL –
	10:30-10:45	Coffee Break
	10:45-13:00	Examples, Terminology, Organisation
	13:00-14:00	Lunch Break
	14:00-15:15	Examples, Terminology, Organisation
	15:15-15:30	Coffee Break
	15:30-17:00	Preparing Resources for PBL Session
Day 2	09:00-10:30	Designing and Presenting Projects
	10:30-10:45	Coffee Break
	10:45-13:00	Designing and Presenting Projects
	13:00-14:00	Lunch Break
	14:00-15:15	Learning Styles, Multiple Intelligences
	15:15-15:30	Coffee Break
	15:30-17:00	Learning Styles, Multiple Intelligences
Day 3	09:00-10:30	Guiding students during PBL projects
	10:30-10:45	Coffee Break
	10:45-13:00	Students Collaboration
	13:00-14:00	Lunch Break
	14:00-15:15	Creative Thinking, Methods for Generating New Ideas
	15:15-15:30	Coffee Break
	15:30 -17:00	Creative Thinking, Methods for Generating New Ideas
Day 4	09:00-10:30	Critical Thinking, Questioning and Metacognition
	10:30-10:45	Coffee Break
	10:45-13:00	Problem Solving and Decision Making
	13:00-14:00	Lunch Break
	14:00-15:15	Creating a PBL lesson plan for gifted students
	15:15-15:30	Coffee Break
	15:30-17:00	Creating a PBL lesson plan for gifted students
Day 5	09:00-10:30	Using ICT in PBL
	10:30-10:45	Coffee Break
	10:45-13:00	Integration of Media int PBL
	13:00-14:00	Lunch Break
	14:00-15:15	Student's Presentations and Classroom Discussions
	15:15-15:30	Coffee Break
		Student's Presentations and Classroom Discussions

The course will help the participants to:

Understand what PBL is and how to confidently implement it in class

Gain insight into a variety of activities that you can implement into PBL

Understand how media and technology can be integrated into PBL

Assess student's PBL projects confidently using rubrics

Create detailed PBL lesson plans

Implement school-wide PBL programs