



NATURAL SCIENCES_ SENIOR PHASE_ MWAZVITA CHIKOPO_ 09-09-2022

TO: Teachers & Learners.

TOPIC: Project-Based learning (PBL)

MESSAGE OBJECTIVE(S): Highlighting the merits of using Project Based Learning in schools.

MESSAGE:

Project Based Learning (PBL) is an instructional methodology encouraging students to learn by applying knowledge and skills through an engaging experience. PBL is sometimes used interchangeably with “experiential learning” or “discovery learning.”

Importance of the PBL model:

- Focuses on a big and open-ended question, challenge, or problem for the learner to research and respond to and/or solve.
- Engages learners with what they should academically know, understand and be able to do.
- It is inquiry-based, stimulates intrinsic curiosity, and generates questions as it helps students seek answers
- Uses 21st-century skills such as critical thinking, communication, collaboration, and creativity.
- Builds student choice into the process.
- Provides opportunities for feedback and revision of the plan and the project, just like in real life.
- Requires learners to present their problems, research process, methods, and results, just as scientific research or real-world projects must stand before peer review and constructive criticism.
- It lets the teacher have multiple assessment opportunities.
- It allows a child to demonstrate his or her capabilities while working independently.
- It develops the child's ability to work with his or her peers, building teamwork and group skills.
- It allows the teacher to learn more about the child as a person.
- It helps the teacher communicate in progressive and meaningful ways with the child or a group of children on a range of issues.

LINKS TO THE NECT WEBSITE

- **NECT LINK TO PLANNERS & TRACKERS FOR RECOVERY:**

Please visit:

<https://nect.org.za/materials>

FROM: Mwazvita Chikopo

mwazvitac@nect.org.za