Definition of Blended Learning

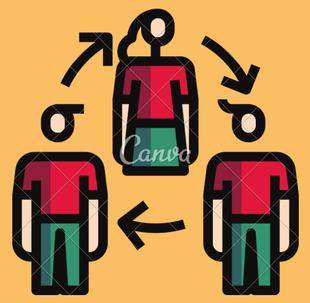
An approach to learn and teach that combines learning undertaken in face to face session with learning opportunities created online.

Examples of Blended Learning

ONLINE LAB

ONLINE DRIVER

ROTATION



GAMIFICATION

Example of Blended Learning

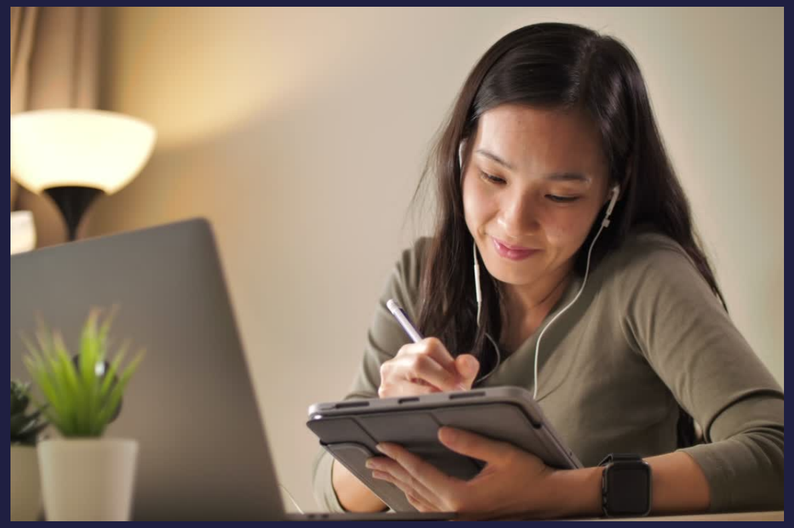
ONLINE LAB

Entirely digital with little instructor interaction and take place either before, during, or after training.

Example of Blended Learning

ONLINE DRIVER

Entirely self-directed and take place in a digital environment. It provide a flexible schedule to the user.



Example of Blended Learning

ROTATION

Students go from one learning activity to another

Example of Blended Learning

GAMIFICATION

learning that using game play elements such as point or levels to motivate the learners in class.

Purpose of Blended Learning

Allow students to experience learning in ways in which they are most comfortable while also challenging them to experience and learn in other ways as well

Creates a truly integrated classroom where the needs of all types of learners can be meet-keeping students engaged, stimulated and motivated also helps teachers to be more effective and more greater gains with their student

Purpose of Blended Learning

BLENDED learning enables fast LEARNERS to advance more quickly , while struggling students can move at their own space and get customized support where they're stuck

Helps improve the learning itself. Be more comprehension, and sense-making, better transfer of knowledge, and higher retention of new information

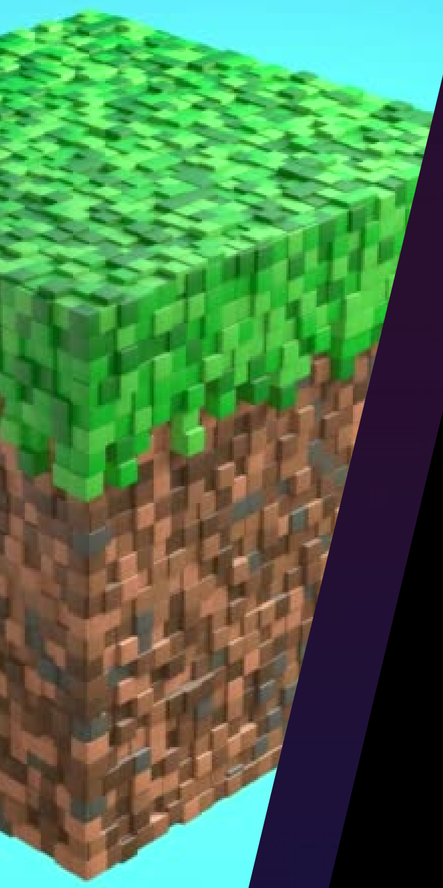
HOW IT WOULD BE IN THE CLASSROOM

Game-Based Learning Strategies

Refers to the borrowing of certain gaming principles and applying them to real-life setting to engage users.

Use in Chemistry Subject

We are planning to use Minecraft in teaching Chemistry because minecraft has chemistry and physics elements.



HOW IT WOULD BE IN THE CLASSROOM

How its work?

- Teacher will bring student to computer lab/ or ask student to bring their own devices.
- Student must install Minecraft for Education
- Teaching will be in two mode (face to face and online learning)

Benefits of using Minecraft in teaching Chemistry

- its fun learning process
- Better understanding about chemistry
- Safe from dangerous chemical reactions
- Can virtually watch chemical reaction

Advantages of Blended Learning for Teachers

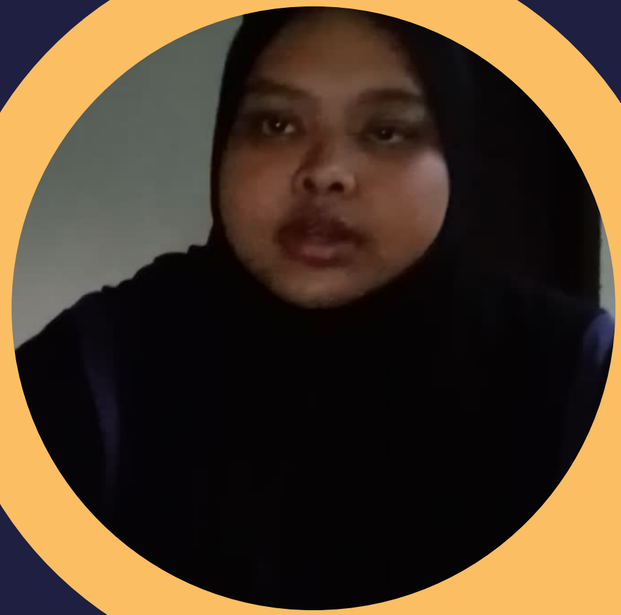
HOW BLENDED LEARNING HELPS TEACHERS?

E-learning allows more effective interactions between the learners and instructors

- emails
- discussion boards
- chat room

Teaching is less expensive to deliver, more affordable, and saves time

Access to global resources and materials that meet the student's level of knowledge and interest



Advantages of Blended Learning for Students

HOW BLENDED LEARNING HELPS STUDENTS?

Students will have more autonomy over their learning and flexibility of time.

Students have more freedom to choose the methods and tools that help them learn best.

Students can track their learning progress through an online platform.

Disadvantage of Blended Learning For Students

Access to resources

- Often requires to utilise technology outside of the classroom.
- Not every student will have equal access to the resources.

A lack of direct contact

- Although self- directed learning can be benefecial, learners that are struggling with online material may not be able to find solution by themselves

Disadvantage of Blended Learning For Educators

The infrastructure may not exist

- It can be diffcult to set up the internal structure needed to implement blended learning.
- The resources and budget may not be available.

Time constraints

- take time to setup
- Training and material preparation is needed.