



INTERACTIVE LEARNING THROUGH MOODLE

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OUTLINE

- What is Interactive Learning?
- Moodle?
- Why Moodle?
- How Moodle?
- Online Discussion Forum
- Why Online Discussion Forum
- Five Tips ?
- Interactive and online discussion forum?



INTERACTIVE LEARNING

- Is an interactive way of action between teaching staff and students is provided. Within this virtual environment students learn by direct, collaborative participation, where both students and teaching staff can have synchronised or non-synchronised access to the platform.
- These environments include interactive activities combining simulations, short videos, virtual experiments, games and more, in order to enhance interactive learning based on constructivism theory, and allow for students and teachers to learn skills for intelligent use of information and technological communication.



MOODLE

- Moodle allows the integration of a wide range of resources, from chats and forums to online booklet, a variety of questions, collections of problems and exercises, lecture notes; including any kind of text-based or Html-formatted documents, multimedia resources such as graphics, video or audio (e.g., MP3 files), PowerPoint, or Flash-based applications and Java applets (Goodwin-Jones, 2004).



MOODLE CONT.

- Moodle has pedagogical advantages since it was built in accordance with the teaching approach which emphasizes the construction of knowledge through active and interactive learning, and learning multi-sensory experience through multimedia.
- Lesson tasks within Moodle can be linked to any resources that are uploaded to one's server or that are available on the Internet.



WHY USE MOODLE?

- High-order thinking and learning skills.
- A constructivistic approach to different teaching and learning process.
- Information, communication, and scientific literacy skills using digital means and advanced technologies.



HOW USING MOODLE?

- Moodle has pedagogical advantages since it was built in accordance with the teaching approach which emphasizes the construction of knowledge through active and interactive learning, and learning multi-sensory experience through multimedia. The design of Moodle is based on socio-constructivist pedagogy. This means its goal is to provide a set of tools that support an inquiry and discovery-based approach to online learning. Nowadays, online quiz and discussion forum play a critical role in embedding interactive learning through learners.



ONLINE DISCUSSION FORUM

- The forum activity allows students and teachers to exchange ideas by posting comments as part of a 'thread'. Files such as images and media maybe included in forum posts. The teacher can choose to grade and/or rate forum posts and it is also possible to give students permission to rate each others' posts.



WHY ONLINE DISCUSSION FORUM?

- **When designing online discussion forums, teachers should always create:**
 - questions that make the students think.
 - rubrics that explain what the student is responsible for.
 - videos because they make the discussions feel more interactive.
 - pictures that help students grasp content.



FIVE TIPS FOR IMPROVING ONLINE DISCUSSION FORUMS

- **1. Divide and Conquer**
- **2. Direct Traffic.**
- **3. Assign Actions.**
- **4. Incorporate Student Interactivity.**
- **5. Deter Students From Parachuting Into Discussion.**

HOW TO APPLY INTERACTIVE LEARNING THROUGH ONLINE DISCUSSION FORUM?



- **Standard forum for general use**
- **Single, simple discussion**
- **Question and Answer forum**
- **Standard forum displayed in a blog-like format**



THANKS FOR YOUR ATTENTION

**ANY SUGGESTION OR COMMENT WILL BE
APPRECIATED**