G.C.E. O/L Grade 11 ICT · Lesson 6

6.2 ICT in Education: e-Learning, LMS and School Management

Syllabus 15.2. ICT changes how we learn and how schools are run. You can learn from anywhere with **e-learning**, use **interactive** lessons, study on the web, and use a **Learning Management System (LMS)**. The school office uses a **Management Information System (MIS)** to keep student and staff data.

1. e-Learning

e-Learning means learning with electronic devices such as computers, tablets and phones. You can learn at any time and in any place, and you can go at your own speed.

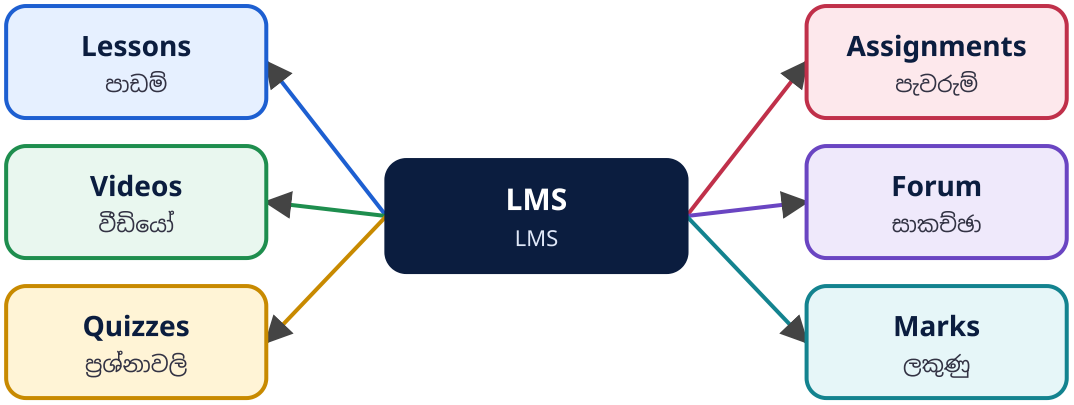
Type	Meaning	Example
Interactive material	You click, drag or answer and the lesson responds.	Quiz with instant marks, simulation, game
Web-based learning	Lessons opened in a web browser over the Internet.	schoolict.net notes, e-thaksalawa
Online class	A live lesson by video call.	Zoom or Google Meet class
Video lessons	Recorded lessons you can pause and replay.	YouTube lessons, Nenasa TV

💡 An e-book is like a normal book. An interactive lesson is like a teacher who answers back.

2. Learning Management System (LMS)

An **LMS** is a website where teachers put lessons and students learn, do quizzes, hand in work and see marks. Examples: **Moodle**, **Google Classroom**, and Sri Lanka's **e-thaksalawa**.

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An LMS keeps lessons, videos, quizzes, assignments, a forum and marks in one place.

- Teachers can see who has finished the work.
- Quizzes are marked automatically.
- Students can ask questions in the forum.

3. School Management Information System (MIS)

A **school MIS** stores data about students, teachers, attendance, marks, timetables and fees. It turns this data into **reports** that help the principal make **decisions**. Sri Lanka uses **NEMIS** (National Education Management Information System) to collect school data.



A school MIS turns data into reports that help decisions.

Data entered	Report made
Daily attendance	Students absent for many days
Term test marks	Class averages and rank lists
Teacher subjects	Timetable

4. Good and bad points

Advantages
Learn anytime, anywhere; many free lessons; instant feedback.

Problems
Needs devices and Internet; less face-to-face talk; easy to get distracted.

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NEW 2026 2026: **AI tutors** and chatbots can explain a lesson again in simple words. Use them to learn, not to copy answers – your teacher can tell. Always check AI answers with your notes, because AI can make mistakes.

Key Words

e-Learning – Learning with electronic devices at any time and place.	**Interactive material** – Lesson content that responds when you click or answer.
Web-based learning – Learning from lessons opened in a web browser.	**LMS** – A website for lessons, quizzes, assignments and marks.
Online class – A live lesson given by video call.	**Forum** – A place in an LMS to ask and answer questions.
MIS – A system that turns stored data into reports for managers.	**NEMIS** – Sri Lanka's national system for school data.
Report – Organised information made from data.	**e-thaksalawa** – The free Sri Lankan e-learning website of the Ministry of Education.
Instant feedback – Being told at once if your answer is right.	**AI tutor** – A computer program that explains lessons and answers questions.

Sample Q&A

1. What is e-learning?

> **Answer:** Learning with electronic devices such as computers and phones, at any time and place.

2. What makes learning material interactive?

> **Answer:** It responds to the learner, for example a quiz that shows the right answer at once.

3. Give three things a student can do in an LMS.

> **Answer:** Read lessons, do quizzes and hand in assignments.

4. Name two LMS examples.

> **Answer:** Moodle and Google Classroom (also e-thaksalawa).

5. How does a school MIS help the principal?

> **Answer:** It makes reports such as attendance and marks that help the principal make decisions.

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6. Give one problem with e-learning.

> **Answer:** It needs a device and Internet, which some students do not have.

MCQ

1. A quiz that shows your marks as soon as you answer is an example of

A. a printed book
B. interactive material
C. data theft
D. a school MIS

2. Which is an LMS?

A. Microsoft Paint
B. Audacity
C. AutoCAD
D. Moodle

3. Sri Lanka's free Ministry of Education e-learning site is

A. e-thaksalawa
B. HHIMS
C. Govi Mithuru
D. Daraz

4. A school MIS is mainly used to

A. scan the body
B. make reports from school data
C. play games
D. design buildings

5. Which is an advantage of e-learning?

A. learn at your own speed
B. teachers are not needed at all
C. no reading is needed
D. no device is needed

6. A live lesson by video call is

A. an e-book
B. a backup
C. an online class
D. a CAD drawing

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7. Which report would a school MIS make from attendance data?

A. students absent for many days
B. the weather forecast
C. a CAT scan
D. share prices

8. The best way to use an AI tutor is to

A. believe every answer
B. copy its answers as your homework
C. share your password with it
D. ask it to explain and then check with your notes

9. Which term means: “Learning with electronic devices at any time and place”?

A. Forum
B. e-Learning
C. Report
D. LMS

10. Which term means: “Lesson content that responds when you click or answer”?

A. Interactive material
B. Online class
C. e-thaksalawa
D. MIS

11. Which term means: “Learning from lessons opened in a web browser”?

A. Forum
B. NEMIS
C. Web-based learning
D. Instant feedback

12. Which term means: “A website for lessons, quizzes, assignments and marks”?

A. AI tutor
B. Report
C. LMS
D. MIS

13. Which term means: “A live lesson given by video call”?

A. e-thaksalawa
B. Online class
C. NEMIS
D. e-Learning

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14. Which term means: "A place in an LMS to ask and answer questions"?

A. Interactive material
B. Instant feedback
C. Report
D. Forum

15. Which term means: "A system that turns stored data into reports for managers"?

A. e-thaksalawa
B. Web-based learning
C. MIS
D. AI tutor

Structured Questions

1. Define e-learning and give two advantages. *(3 marks)*

> Learning with electronic devices (1); learn anytime and anywhere (1); instant feedback or own speed (1)

2. What is an LMS? Give two features. *(3 marks)*

> A website to manage lessons and learning (1); quizzes marked automatically (1); assignments and marks (1)

3. Give one difference between web-based learning and interactive material. *(2 marks)*

> Web-based learning is any lesson opened in a browser (1); interactive material responds to the learner (1)

4. Name three kinds of data stored in a school MIS and one report it can make. *(4 marks)*

> Attendance; marks; timetables or fees; e.g. class average report (1 each)

5. Give two problems of e-learning. *(2 marks)*

> Needs devices and Internet (1); less face-to-face contact or distraction (1)

Summary

- e-Learning = learning with electronic devices.
- Interactive material responds to the learner.
- Web-based learning uses a web browser.
- LMS: lessons, quizzes, assignments, forum, marks.
- Examples: Moodle, Google Classroom, e-thaksalawa.
- School MIS turns data into reports for decisions.

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- e-Learning needs devices and Internet.
- 2026: use AI tutors to learn, not to copy.

MCQ answer key – 6.2

1. **B** – It responds to you.
2. **D** – Moodle manages courses.
3. **A** – e-thaksalawa has lessons for all grades.
4. **B** – MIS = data into information for managers.
5. **A** – You can pause and repeat.
6. **C** – Online class = live by video.
7. **A** – Attendance data gives absence reports.
8. **D** – AI can be wrong; use it to learn.
9. **B** – e-Learning – Learning with electronic devices at any time and place.
10. **A** – Interactive material – Lesson content that responds when you click or answer.
11. **C** – Web-based learning – Learning from lessons opened in a web browser.
12. **C** – LMS – A website for lessons, quizzes, assignments and marks.
13. **B** – Online class – A live lesson given by video call.
14. **D** – Forum – A place in an LMS to ask and answer questions.
15. **C** – MIS – A system that turns stored data into reports for managers.

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