GRADE 10 COMPUTER STUDIES TERM 3 LESSON PLANS – MODERN TECHNOLOGY

Grade 10 Modern Technology LESSON PLAN: Week 1, Lesson 1

SCHOOL	LEVEL	LEARNING AREA	DATE	TIME	ROLL
.....	Grade 10	Modern Technology (Computer)	.....	.....	.....

WEEK 1: LESSON 1 **Strand:**

Software Development

Sub Strand:

Control Structures - Introduction to control structures & Sequence control structure

Specific Learning Outcomes:

By the end of the lesson, the learner should be able to:

- Describe the three fundamental types of control structures (sequence, selection, iteration).
- Identify sequence, selection, and iteration in sample algorithms and flowcharts.
- Relate control structures to everyday tasks like following instructions, making choices, and repeating actions.

Key Inquiry Question(s):

- How do control structures determine program flow?

Core Competencies, Values, and PCIs:

Core Competencies	Values	PCIs
Critical thinking and problem solving	Responsibility	Decision-making skills

Core Competencies	Values	PCIs
Digital literacy Communication and collaboration	Respect Integrity	Critical inquiry in technology

Learning Resources:

- Modern Technology Learner's Book 10, pages 233–234
- Control structure summary charts and flowchart diagrams
- Sample sequential algorithms and whiteboard/digital presentation tools

Organization of Learning:

Introduction (5 minutes):

- Teacher presents a real-world scenario (e.g., following a recipe step-by-step to make tea).
- Learners discuss how instructions must follow a specific sequence to achieve the desired outcome.

Lesson Development (25 minutes):

- **Step 1:** Direct teacher exposition on control structures, defining sequence, selection, and iteration as the building blocks of algorithmic logic.
- **Step 2:** Guided task where learners analyze sample sequential algorithms and identify linear flow from input to output.
- **Step 3:** Small group activity where learners match daily life scenarios (e.g., traffic lights, school routines) to sequence, selection, and iteration.
- **Step 4:** Groups present their matched scenarios to the class; teacher synthesizes findings on how sequence dictates linear instruction execution.

Conclusion (10 minutes):

- Oral review questions assessing learners' ability to distinguish between sequence, selection, and iteration.
- Brief summary emphasizing that sequence executes statements sequentially in the order written.