

EaD Comprehensive Lesson Plans



or



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BASIC 7

WEEKLY LESSON PLAN – WEEK 5

Indicator (s)	B7.3.3.1.1 Discuss the key principles of information security (confidentiality, integrity and availability) B7.3.3.1.2 Explore the legal issues regarding intellectual property rights (e.g. Copyright, Patent, Trademark, Piracy, Copyright Infringement) B7.3.3.1.3 Evaluate information security forensic auditing and criminal laws against offenders			Performance Indicator: Learners can identify the laws protecting data.	
Week Ending	31-05-2024				
Class	B.S.7	Class Size:		Duration:	
Subject	Computing				
Reference	Computing Curriculum, BS7 Computing Textbook, Teachers Resource Pack, Learners Resource Pack				
Teaching / Learning Resources	Personal Computer, Smart Phone, Poster, Pictures.		Core Competencies:	• Ability to effectively define goals towards solving a problem • Explain ideas in a clear order with relevant detail, using correct construction and structure of speech.	
DAYS	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION
TUESDAY	Discuss the meaning of Information Security with the Learners.	1. Assist Learners to identify the 3 key principles of Information security. 2. Learners brainstorm to describe scenarios involving information security. 3. Discuss with Learners the difference between confidentiality, integrity and availability. The fundamental principles (tenets) of information security; ✓ Confidentiality ✓ Integrity ✓ availability. Every element of an information security program (and every security control put in place by an entity) should be designed to achieve one or more of these principles. Together, they are called the CIA Triad.			Through questions and answers, conclude the lesson. Exercise; 1. What is Information Security? 2. Write 5 scenarios involving information security.



Examples of Information Security;

- pass cards or codes for access to buildings
- user ids and passwords for network logi
- finger print
- retinal scanners

Information Security Activities;

- Inspection
- Modification
- Recording
- disruption or destruction. The goal is to ensure the safety and privacy of critical data such as customer account details, financial data or intellectual property



FRIDAY

Review Learners knowledge on the previous lesson.

1. Discuss with Learners the concepts of copyright (e.g. freeware, shareware, cripple ware).
2. Assist Learners to differentiate between Copyright and Copyright Infringement.
3. Discuss the laws protecting data and the applicable sanctions for their breach.
4. Learners in small groups to discuss about the consequences associated with breaking Copyright laws.
5. Show Learners a video of how offenders of data security breach are identified.

Copyright;

Copyright refers to **the legal right of the owner of intellectual property**. In simpler terms, copyright is the

Learners brainstorm to identify some common occurrences of data security breaches that people in the community overlook and their corresponding sanctions.

Exercise;

1. Differentiate between Copyright and

		right to copy. This means that the original creators of products and anyone they give authorization to are the only ones with the exclusive right to reproduce the work. Difference between Shareware and Cripple ware; cripple ware is a program whose functionality is severely limited beyond that of shareware, often in the interest of its author having the cripple ware user make a purchase of the uncrippled program while shareware is (computing) a type of software that is distributed. Difference between Freeware and Shareware; Freeware software is provided to its users free of cost. Shareware software is provided to its users free for a limited period of time after which software needs to be paid. The source code of the software is not available to its user. Shareware  • Free to use with limitations • Forced trial period, often 30 days • Some features may require payment Freeware  • Free to use with no limitations • No trial period • All features are operational for all users	Copyright Infringement 2. State the laws protecting data and the applicable sanctions for their breach.
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Name of Teacher:

School:

District: