

SENIOR SIX ICT SCHEME OF WORK - TERM I

Subject: ICT

TEACHER: CHARLES OTTO

Class: Senior Six

Term: I

Duration: 10 Weeks

Periods per Week: 2

Week	Period	Topic	Sub-Topics	Learning Outcomes	Teaching/Learning Activities	Teaching Aids	References	Comments
1	1	Data Communication and Networking	Introduction to Data Communication	Define data communication , Explain elements of data communication	Teacher exposition, Class discussion	Charts, Projector	ICT Textbook	
1	2	Data Communication and Networking	Data Communication Tools	Describe and compare electronic and manual data communication tools	Research, Group presentations	ICT devices, Internet	Online ICT resources	
2	1	Data Communication and Networking	Data Transmission Media	Differentiate between physical and wireless transmission media	Practical demonstrations, Discussions	Network cables, Wireless adapters	ICT Handbook	
2	2	Data Communication	Data Communication Services	Describe services like E-mail, Skype,	Group discussions, Hands-on practice	Internet access	Research articles	

		n and Networking		Instant messaging				
3	1	Data Communication and Networking	Introduction to Computer Networks	Define computer networks and explain requirements for setting up	Teacher exposition, Research	Networking devices	Computer Science Textbook	
3	2	Data Communication and Networking	Network Types and Models	Identify network types and explain client-server & peer-to-peer models	Practical demonstrations, Case studies	Routers, Network diagrams	Networking Basics Guide	
4	1	Electronic Publication	Introduction to Electronic Publishing	Define electronic publishing, Identify software and features	Research, Teacher exposition	Publishing software	Publishing Guide	
4	2	Electronic Publication	Uses of Electronic Publishing	Identify different uses of electronic publishing	Brainstorming, Research presentations	Digital resources	Digital Literacy Book	
5	1	Electronic Publication	Publishing Basics	Create, save and typeset a new document	Hands-on practice, Demonstrations	Computers, Publishing software	User Manuals	
5	2	Electronic Publication	Document Enhancement	Insert text boxes, graphics, borders; format text	Hands-on practice, Guided exercises	Computers, Software	Digital Design Guide	

6	1	Electronic Publication	Document Layout	Align document, distribute graphics, organise text	Hands-on practice, Peer review	Computers, Templates	Page Layout Handbook	
6	2	Electronic Publication	Advanced Features	Customise templates, use auto shapes, complete documents	Practical exercises, Demonstrations	Sample templates	Advanced Publishing Guide	
7	1	Revision	Review Data Communication and Networking Topics	Reinforce concepts through revision	Group discussions, Practice tests	Notes, Handouts	ICT Review Guide	
7	2	Revision	Review Electronic Publication Topics	Reinforce concepts through revision	Peer discussions, Quizzes	Past papers, Internet	Digital Media Book	
8	1	Practical Sessions	Practical on Networking	Hands-on practice on network setup	Lab practice, Peer learning	Computers, Network tools	Networking Handbook	
8	2	Practical Sessions	Practical on Electronic Publishing	Create and edit documents using publishing software	Hands-on practice, Supervised tasks	Computers, Printing materials	Publishing Software Guide	
9	1	Assessments	Theory Test on Data Communication	Evaluate knowledge and skills	Written test	Exam papers, Marking guide		

9	2	Assessments	Theory Test on Electronic Publishing	Evaluate knowledge and skills	Written test	Exam papers, Marking guide		
10	1	Project Work	Networking Project	Set up a small network and document findings	Group work, Presentations	Computers, Network tools	Project Guidelines	
10	2	Project Work	Electronic Publishing Project	Create and submit a publication (certificate, brochure, flyer, menu)	Hands-on practice, Peer reviews	Computers, Printing materials	Project Handbook	

Assessment Methods:

- Practical exercises
- Group discussions
- Quizzes and assignments
- Theory and practical tests

Remarks:

- Ensure that students get hands-on experience with networking and electronic publishing.
- Encourage collaborative learning through peer discussions and group projects.

NOTE:

FOR more schemes, contact Charles Otto, 5k per scheme, telephone number: 0777489038