

Information and Communication Technology

SCHEME OF WORK

FORM 2 - TERM 3: 2017- 2018

Please refer to the attached Syllabus for teaching and assessment strategies, and learning activities.

Week	Topic/Objective	Content
1	Review End of Term 2 Exam Paper	
2	Communication	Distinguish between communication using VoIP and Traditional Land Line.
3	Communication	Benefits of using VoIP and applications that support VoIP. E.g. Skype, Viber, Tango, WhatsApp, Discord, etc. Students prepare a table showing the benefits of each Communication mode.
4	Internet Based Collaboration Tools	Introduction of Wikipedia and the concept of allowing people to add, modify or delete content in collaboration with others.
5	Internet Based Collaboration Tools	Introduction of Google Drive as a collaborative tool. Students complete an assignment to collaboratively work on a document on Google Drive.
6	Computational Thinking	Apply logical thinking skills to find solutions to problems. Introduction of logical games which aid in identifying goals and problem solving. http://www.learn4good.com/games
7	Computational Thinking	Students play a selected game and identify the steps involved to achieve the desired solution. Full Documentation Recorded.
8	Computational Thinking	Decomposition, Patterns, Abstractions and Algorithms Discussion of methods of computational thinking for Problem Solving.
9 - 11	Review of Terms 3, 2 and 1 work	