



ARAB UNITY SCHOOL

CURRICULUM OVERVIEW

ICT

YEAR 11

2021 – 2022

A guide for Parents and Students

SUBJECT: ICT

Year: 11

Overview of the year:

IGCSE Information and Communication Technology encourages learners to develop lifelong skills, including:

- Have knowledge of ICT including new and emerging technologies
- Skills to analyse, design, implement, test and evaluate ICT systems.
- Should have the ability to recognise potential risks when using ICT, and use safe, secure and responsible practice.

Term	Topic
TERM ONE	<p>THE EFFECTS OF USING ICT</p> <ul style="list-style-type: none">• The effects of ICT on employment• The effects of ICT on working patterns• Microprocessor-controlled devices in the home• Potential health problems related to the prolonged use of ICT equipment <p>COMMUNICATION</p> <ul style="list-style-type: none">• Communication with other ICT users using email• Effective use of the internet <p>FILE MANAGEMENT</p> <ul style="list-style-type: none">• What is a generic file type?• Manage files effectively• Reduce file sizes for storage or transmission <p>ICT APPLICATIONS</p> <ul style="list-style-type: none">• Data handling applications• Measurement applications• Microprocessors in control applications• Modelling application• Manufacturing applications <p>PRACTICAL</p> <ul style="list-style-type: none">• Data manipulation

	<ul style="list-style-type: none">• Document Production• Styles• Proofing• Layout• Presentations
TERM TWO	<p>ICT APPLICATIONS</p> <ul style="list-style-type: none">• Expert system.• Computers in medicine• Computers in Libraries• Computers in the Retail Industry• Recognition systems• Monitoring and tracking systems• Satellite systems <p>PRACTICAL</p> <ul style="list-style-type: none">• Website Authoring• Images• Data Analysis• Graphs and Charts