Foxford Learning Plan

YEAR 11

CAB 2 – Learning Aim A Collecting, Presenting and Interpreting Data

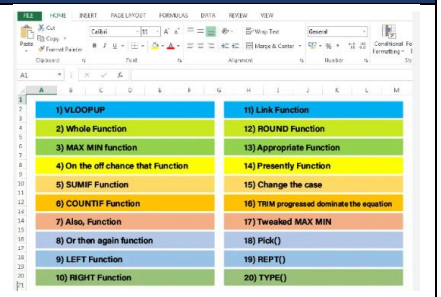
Autumn 1

Key Vocabulary

A1: Characteristics of data and information	Data and information: meaning, structure, context and processing
A2: Representing information	How to present information: text, numbers, tables, graphs/charts and infographics
A3: Ensuring data is suitable for processing	Making data suitable for processing: validation: range, type, look up, presence and length checks and verification: proofreading and double entry
A4: Data collection	Collecting data: data collection methods, data collection features and big data
A5: Quality of information and its impact on decision making	Why quality is important: source, accuracy, age, completeness, amount of detail, format/presentation and volume
A6: Sectors that use data modelling	Who uses data modelling: types of sectors and data modelling in decision making?
A7: Threats to individuals	Threats: privacy, fraud, targeting vulnerable groups and inaccurate data

Key Skills

Over the course of the topic, I will be able to: -
Explain characteristics of data
Known the differences between data and information
Know data collection methods, such as close and open questions
Use measures to validate data
Know the basic excel manipulation tools
Know the differences between validation and verification
Know how to present suitable data in graphs, tables and charts
Complete through testing to check for the accuracy of the information
Evaluate against set criteria





I will Understand

1. How to present big data in a meaningful way
2. How to collect data from the audience
3. How to implement or analyse data with minimum or no errors
4. Why it is important to know the quality of data
5. How to use excel tools
6. How to prevents malicious malware when deal with data
7. How the businesses use data to evaluate their performances