

KS3 **COMPUTER SCIENCE**



KEY SAFETY ISSUES USING THE INTERNET SIGNS FOR **IDENTITY CONCERNS**

NUMBER **SYSTEMS** **CONVERTING BINARY** TO DENARY



E-SAFETY

BINARY, DENARY AND HEXADECIMAL

METHODS FOR **KEEPING SAFE** ONLINE

ENVIRONMENTAL RESPONSIBILITIES

PURPOSE OF BINARY

TERM CHARACTER

SETS

SEQUENCE PROGRAMMING MATHMATICAL **FUNCATION IN PYTHON**

SAVING WORK IN LOGICAL AND **ORGANISED**

MANNERS

MICROSOFT OFFICE **APPLICATIONS**

CONSTRUCT

PROGRAMMING

OFFICE SKILLS

BASIC PROGRAMMING

FINDING SYNTAX ERRORS IN CODING

IDE (INTEGRATED DEVELOPMENT ENVIRONMENT) AND IT'S BENEFITS

ONLINE COMMUNICATION **SOFTWARE**

DEVELOP DIGITAL LITERACY

IMPACT OF CYBER BULLYING

PHISHING ATTACKS

AND SOCIAL ETHICAL **ENGINEERING BEHAVIOUR TECHNIQUES ONLINE**

MATHMATICAL PROCESS CONVERTING BETWEEN BINARY, **DENARY AND HEXADECIMAL**

CYBER SECURITY

BINARY, DENARY AND HEXADECIMAL

IMPORTANCE IN THE DIGITAL AGE

PASSWORDS AND SECURITY ONLINE SAFETY, **PRIVACY AND** RESPONSIBLE **SOCIAL MEDIA**

USE

PROCESS OF ADDING BINARY **NUMBERS**

COMPUTER **SYSTEMS**

READ ERROR **MESSAGES AND CORRECT SYNTAX ERRORS**

INPUTS FOR SUITABLE DATA

TYPES TEXTUAL CODE **ASSIGNED**

PROFIT AND LOSS IN BUSINESS **SCENARIOS**

BUDGETS AND FINANCIAL PLANNING

PROGRAMMING (LEVEL 2)

ENTERPRISE SKILLS

INPUTTING CODE TO CHANGE **PREDEFINED VARAIBLES**

VARIABLE AND CONSTANT CODES TO RETURN **OUTPIUTS**

INVESTMENT AND RETURN

INTEREST IN RELATION TO

FINANCIAL

VERIFYING FROM ONLINE SOURCES

LOANS AND INVESTMENTS **TERMINOLOGY**

STORAGE AND

CALCULATIONS

VALIDATING AND

ENVIRONMENTAL RESPONSIBILITIES **MATHMATICAL**

PROCESS OF DATA SIZES AND

CONVERTERING FORMULAS FOR **BETWEEN THE 3 CONVERSIONS**

LEGAL, ENVIRONMENTAL, AND ETHICAL ISSUES SURROUNDING COMPUTER SYSTEMS

BINARY, DENARY AND HEXADECIMAL

CONCERNS WITH DIGITAL COMMUNICATIONS

IMPACT/ CONSEQUENCES OF ONLINE **ACTIONS**

LAWS WHEN **USING TECHNOLOGY**

PROCESS OF ADDING BINARY NUMBERS

MULTIPLICATION AND DIVISION **USING BINARY** SHIFT

NEGATIVE BINARY NUMBERS

IMPLEMENT

LOCAL AND **GLOBAL VARIABLES**

IMPORTANCE AND BENEFITS

OF IDE

IDENTIFY AND CORRECT SYNTAX ERRORS

SENDING AND RETRIEIVNG THROUGH THE

INTERNET RULES

LANS AND WANS IN SOCIETY

PROGRAMMING (LEVEL 3)

NETWORKING (TOPOLOGIES, LAN/WAN, INTERNET, HARDWARE, PROTOCOLS)

MAKING EFFICIENT FUNCTIONING PROGRAMMING CODE

PRODUCE TEXTUAL

APPLY ALL 3 PROGRAMMING CONSTRUCTS

HARDWARE FOR **NETWORK INFRASTRUCTURES**

BENEFITS AND DRAWBACKS OF DIFFERENT **NETWORKS**