LITERACY MAT
Year 7 Computing

ST BERNARD'S HIGH SCHOOL

LOVE ONE ANOTHER AS I HAVE LOVED YOU

KEY
VOCABULARY

Programming Fundamentals
Algorithm - A set of step-by-step instructions to solve a problem
Program - A set of instructions written in a programming language
Programming Language - A formal language used to communicate instructions to a computer
Variable - A storage location with a name that contains data
Input - Data entered into a computer or program
Output - Information produced by a computer or program
Sequence - Instructions executed one after another in order
Selection - Making decisions in programs using IF statements
Iteration - Repeating instructions (loops)
Condition - A test that can be true or false
Function - A block of code that performs a specific task
Debugging - Finding and fixing errors in programs
Bug - An error in a computer program
Syntax - The rules for writing code in a programming language
Digital Literacy and Online Safety
Digital Footprint - The trail of data you leave when using the internet
Cyberbullying - Using technology to bully or harass others
Internet - A global network of connected computers
World Wide Web (WWW) - A system of linked documents accessed via the internet

COMMAND
WORDS

Analysis and Evaluation	**Description and Knowledge**
Analyse	Describe
Evaluate	Identify
Compare	State
Contrast	List
Assess	Define
Justify	Outline
Explain	Name
Discuss	
Programming Specific Commands	**Application and Problem Solving**
Code	Create
Debug	Design
Test	Develop
Trace	Implement
Modify	Construct
Complete	Produce
Predict	Write
Demonstrate	Draw
Technical Investigation	**Critical Thinking**
Investigate	Suggest
Research	Recommend
Explore	Propose
Experiment	Consider
Calculate	Determine
Measure	Select
Record	Prioritise
Monitor	Categorise

KEY
PUNCTUATION

Full Stop (.): Marks the end of a sentence.
Question Mark (?): Used at the end of a sentence that asks a question.
Comma (,): Used to separate items in a list, clauses in a sentence, and to introduce direct speech.
Apostrophe ('): Used for contractions (e.g., "can't" for "cannot") and to show possession (e.g., "the cat's toy").
Colon (:): Introduces lists, explanations, or quotations.
Semicolon (;): Separates closely related independent clauses.
Quotation Marks (" "): Enclose direct speech or quotes.

LITERACY MAT
SUBJECT CAN GO HERE

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WRITING
SUPPORT

Sentence Starters

This line of code tells the computer to...

This program doesn't work as expected because...

To fix this issue, I would need to...

When this code runs, it will probably...

If I change this value, then...

The next step in the sequence will be...

This condition will be true when...

The loop will continue until...

The expected outcome is...

I would improve this code by...

This program solves the problem of...

I can apply this technique when...

The user experience would be better if...

KEY
SKILLS

Digital Communication - using technology to share information effectively

Audience Awareness - understanding who will receive your message

Media Formats - choosing appropriate types of digital content (text, images, video)

Copyright - respecting other people's creative work and intellectual property

Digital Footprint - understanding how your online actions leave permanent traces

Debugging - finding and fixing errors in code

Testing - checking that programs work as expected

Documentation - explaining how programs work

Sequencing - putting instructions in the correct order

Data Entry - inputting information accurately into spreadsheets

TOP
TIPS

Use correct vocabulary – Learn and use computing terms like algorithm, input, output, and variable. It makes your writing clearer and more professional.

Break big ideas into smaller parts – Just like in coding, divide complex explanations into manageable steps.

Give examples – Whether you're explaining how an algorithm works or describing a data type, examples make your writing stronger.

Use headings and bullet points to structure longer pieces.

Be curious – If you come across a word or concept you don't understand, look it up.