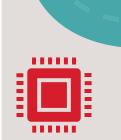


END OF

TERM

EXAM



7.4 USING MEDIA TO GAIN SUPPORT FOR A CAUSE

programming concepts.

In this unit, you will explore the essentials of word processing and digital content creation. You will start by understanding the features of word processors and learning how to apply formatting techniques effectively. Moving through lessons on licensing appropriate images, evaluating source credibility, and understanding plagiarism, learners will build their skills in using digital content responsibly.

END OF TOPIC

KNOWLEDGE CHECK



KNOWLEDGE CHECK

END OF TOPIC ASSESSMENT

7.3 PROGRAMMING ESSENTIALS WITH SCRATCH (PART 1)

In this unit, you will embark on a journey to understand the basic concepts of programming using interactive and engaging activities. From sequencing instructions to using variables, making decisions with selection statements, and iterating through loops, you'll develop essential skills that form the foundation of computer programming. By the end of this unit, you will apply these skills to solve problems and create simple programs.

7.2 MODELLING DATA USING SPREADSHEETS

In this unit, you will learn how to effectively use spread sheets to organize data, perform calculations, and create visual representations. From basic navigation and formatting to advanced functions and data analysis techniques, you will gain practical skills that are essential for managing and manipulating data efficiently. By the end of this unit, you will be able to confidently navigate, organize, and analyse data using spreadsheets.

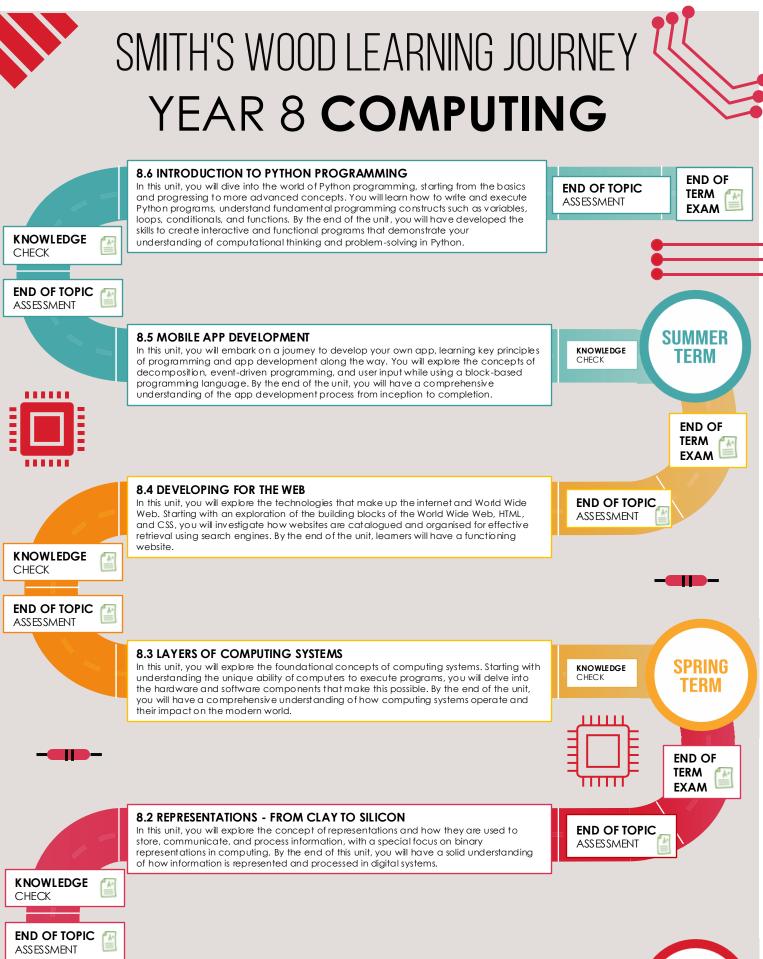
7.1 IMPACT OF TECHNOLOGY

Explore essential digital citizenship skills including creating secure passwords, following lab rules, respectful online communication, effective presentation skills, understanding cyberbullying, and identifying online impersonation.

KNOWLEDGE CHECK

AUTUMN

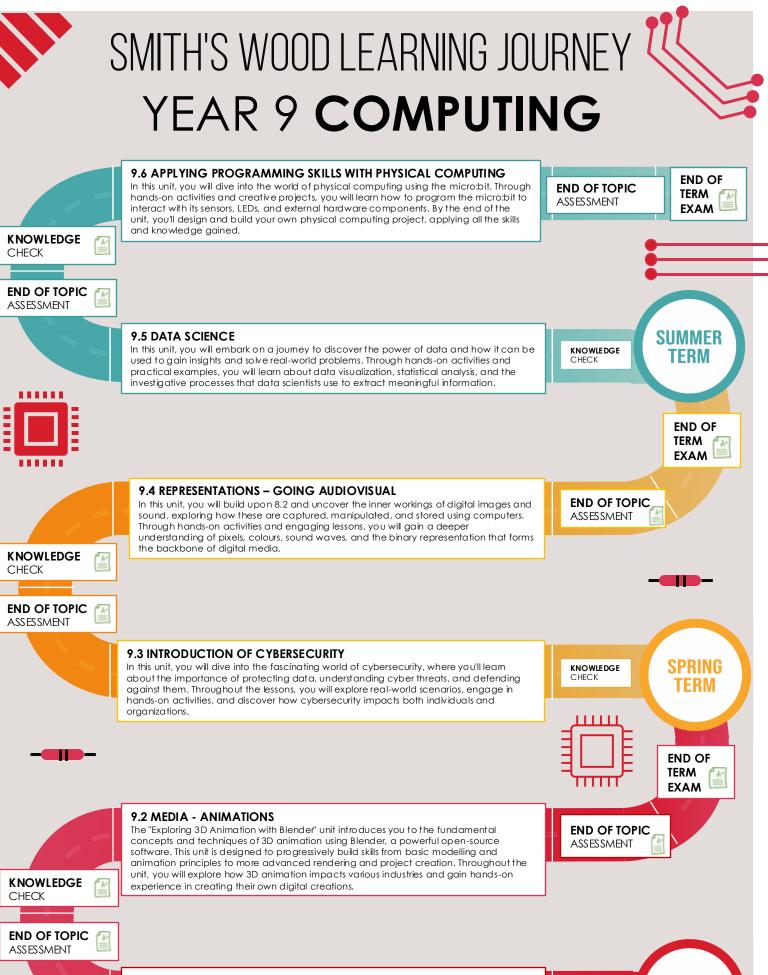
TFRM



8.1 MEDIA - VECTOR GRAPHICS

In this unit, you will dive into the world of vector graphics using Inkscape or similar software. Starting with the basics of creating and manipulating shapes, you will gradually build your skills to handle more complex objects and paths. The unit will culminate in an open-ended project where you will apply your knowledge to create a unique vector image. Finally, you will compare vector and bitmap images to understand the best use cases for each type.





9.1 PYTHON PROGRAMMING WITH SEQUENCES OF DATA

In this unit, you will delve deeper into Python programming, focusing on lists and loops. Lists allow you to store and manipulate collections of data, while loops enable you to automate repetitive tasks. By the end of the unit, you will have the skills to create programs that utilize lists effectively, iterate over data using loops, and tackle meaningful programming challenges. AUTUMN

TFRM

KNOWLEDGE

CHECK