ICT, Computing & iMedia INTENT Our curriculum is designed to foster critical thinking, computational thinking, and creativity, while also promoting effective communication and collaboration skills. We believe that our students should be prepared to contribute to the digital world responsibly, ethically, and Topic Area 3: Review characters Topic 2: Create characters and We focus on developing and refining fundamental skills and comics comics S such as computational thinking, programming, online E N Ш safety, and digital media creation. Through a range of Why is it important to How does using specific engaging and challenging activities, we aim to foster a npare created characters ES oftware support creating and **IESTER** ES and comics against client love of Computing and encourage students to become designing comic characters? **YEAR 11** riefs; client requirement list confident and creative problem-solvers in a rapidly or success criterias? evolving digital world. Z mponents for use within comics review characters and comics Technical skills to create comics techniques to save and publish Improvements and further N ယ Studying computing develops problem-solving, critical developments. Techniques to check and review characters an characters and comics thinking and collaboration skills, essential for future careers. These skills enable effective communication, analysis, and informed decision-making, providing a competitive edge. Additionally, digital literacy empowers students to navigate and succeed in the digital world, Topic 1: Plan characters and offering lifelong benefits. Topic 3: Create visual identity and Topic 2 - Plan digital graphics for **LIFELONG OPPORTUNITIES** digital graphics products ER Studying computing opens up a wealth of career α How do different design style options opportunities in fields such as software development, data determine sector; purpose and audience ш Why is the importance of graphic Why is it important to resample images analysis, cybersecurity, and artificial intelligence. The skills designs that incorporate visual identity and assets for use in a print product? ES and house style vital to a company's developed through computing are transferable to a range ш Character features and conventions of industries and offer the potential for lifelong career Conventions of comics. Resources required to create characters and comics. Pre-production SEM Σ Tools and techniques of imaging editing software used to create digital graphics and planning documentation and techniques for characters and comics \overline{S} **UNIT R095** UNIT R094 **Algorithms** Game Programming SE Ē П What are algorithms, how can they be represented using flowchart symbols, MES What programming concepts and techniques are required and how can they be used to solve problems, including searching and sorting to create games using Pygame or Javascript, including algorithms? event handling, collision detection, and game states? Ш Knowledge of R programming concepts and echniques, including event nciples, includin entity principles an

and game states.

software, such as MvSQL

and filtering data using

E E

ving skills for querying

filtering and sorting?

YEAR 9

YEAR 7

skills for auen

and filtering dat

using Boolear

operators.

