Year 10 – Digital Technologies

2024 PROGRAM

NARROGIN SENIOR HIGH SCHOOL

Term 1

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| **Week** | **Lesson 1** | | |
|  | **SCSA** Curriculum descriptors | **Topic** | **Objectives** |
| **1** | **Investigating and Defining**  Define and break down a given task, identifying the purpose | **Topic**  Get to know the teacher.  Expectations of class and computers.  Assessment outline | **LI:**  Understand the expectation of digital technologies in 2024.  **SC:**  Identify 2 assessments that will be conducted in 2024 DT. |
| **2** |  | **Topic:**  Logging in and signing out correctly.  Treatment of devices.  Connect navigation.  Logging into compass.  Logging into emails. | **LI**  Explore the variety of uses that connect has at NSHS.  **SC**  Identify the different uses of connect, compass and emails. |
| **3** | **Investigating and defining**  Define and break down a given task, identifying the purpose | **Topic**  Email signature.  Email etiquette  Setting up files  Opening an attachment and saving documents.  Attaching documents | **LI**  Explore the capabilities of emails.  **SC:**  Identify how to attach a document to an email.  Create an email signature |
| **4** | **Representations of Data**  Define and break down a given task, identifying the purpose | **Topic**  Typing skills | **LI:**  Practice typing skills.  **SC**  Identify practices in typing to improve |
| **5** | **Investigating and Defining**  Define and break down a given task, identifying the purpose | **Topic:**  Cyber Safety | **LI**  Explore and understand how to stay safe online  **SC**  Outline two ways to stay safe online. |
| **6** |  | **Topic**  Letter template | **LI**  Explore letter etiquette.  **SC**  Send a letter to teacher using a letter head. |
| **7** |  | **Topic:**  Cyber Safety | **LI**  Explore and understand how to stay safe online  **SC**  Outline two ways to stay safe online. |
| **8** |  | **Topic:**  Cyber Safety | **LI**  Explore and understand how to stay safe online  **SC**  Outline two ways to stay safe online. |
| **9** |  | **Assessment 1** | Topic Test |

Term 2

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| **1** | **Digital Implementation**  Create and communicate information collaboratively online, taking into account social contexts | **Topic**  Review from Term 1  Set up a One Drive account.  Saving to One Drive  Sharing with One Drive | **LI**  Review the topics covered in term 1.  Explore how to create a One Drive account  **SC**  Identify two things’ students learned in Term 1  Identify two uses for a One Drive account |
| **2** |  | **Topic:**  Securing and controlling data (encryption, firewalls, passwords, Mac filtering) | **LI:** Understand how methods like encryption, firewalls, passwords and MAC filtering can secure and control data.  **SC:** Define the terms: encryption, firewall, passwords, and MAC Filtering. Outline the difference between the terms  Explain the functions of encryption, passwords, firewalls and MAC filtering. |
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| **4** |  | Topic: Common Security Threats & Cyber Safety | **LI:** Students explore common security threats such as DDOS, intrusion and back door attacks, as well as solutions to these cyber threats.  **SC:** Identify, define and outline common security threats. Describe different solutions to and ways to prevent these cyber attacks |
| **5** |  | **Assessment 2** | **Online Topic Test** |
| **6** |  | **Topic:**  Entity Relationship Diagram | **LI**: Understand the purpose of entity relationship diagrams  **SC**: Outline and visually represent an entity relationship diagram |
| **7** |  | **Assessment 3** | **Data and Database Task** |
| **8** |  | **Assessment 3** | **Data and Database Task** |
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| **10** |  | **Assessment 3** | **Data and Database Task** |
| **11** |  | **Topic**  Scratch - Coding | **Investigating and defining**  Define and break down a given task, identifying the purpose  Consider components/resources to develop solutions, identifying constraints |