Year Level: 7

KLA: Technology   **Subject: Digital Technologies**

Week	Unit	Learning Focus	Sub-strand
1	Intro to DigiTech	• Explore the relevant School resources. • Learn how to submit and receive information on a collaborative space such as OneNote. • Describe the basic parts of a computer.	Manage, create and communicate interactive ideas, information and projects collaboratively online, taking safety and social contexts into account (VCDTDI039)
2	Email	• Explain the composition and purposes of email • Be able to send, reply and attach documents to emails.	Manage, create and communicate interactive ideas, information and projects collaboratively online, taking safety and social contexts into account (VCDTDI039)
3	File Management	• Develop an understanding of how files should be structured for understanding and efficiency • Organise personal files	Define and decompose real-world problems taking into account functional requirements and sustainability (economic, environmental, social), technical and usability constraints (VCDTCD040)
4-5	Information Privacy	• Understand the implications of placing personal information online	Manage, create and communicate interactive ideas, information and projects collaboratively online, taking safety and social contexts into account (VCDTDI039)
6	Binary	• Explore the binary system • Understand how computers use binary	Investigate how digital systems represent text, image and sound data in binary (VCDTDI036)
7-8	Searching	• Use keywords • Evaluate authenticity of sites	Acquire data from a range of sources and evaluate their authenticity, accuracy and timeliness (VCDTDI037)
9-10	Algorithms	• Create algorithms using flowcharts • Test an algorithm for accuracy	Design algorithms represented diagrammatically and in English, and trace algorithms to predict output for a given input and to identify errors (VCDTCD042)