

Contents

Introduction & Curriculum	4-5	Activity 16: Cyber Self-Care	34
Sources	6	Activity 17: Are You Being Cyberbullied?	
Section 1: Computer Programs & Algorithms		Quiz	35
Section 1 Teachers' Notes	8	Collaborating Online	36
Introducing Algorithms	9	Activity 18: Collaborate Online	37
Activity 1: Procedural Writing- How to		Activity 19: Present And Reflect	38
Make a Vegemite Sandwich	10	Section 3: Sustainability In Information	
Activity 2: Analysing And Sharing Algorithm		Systems	39
Activity 3: Create Your Own Algorithm!	12	Section 3 Teachers' Notes	40
Computer Programs And How They Function	on13	Sustainability In Information Systems	41
Activity 4: Quiz Show Interview	14	Activity 20: Importance of Digital Technolog	•
Activity 5: Quiz Showtime	15	and Sustainability	42
Activity 6: Scratch Code	16	Activity 21: Technology and Climate	
Activity 7: Scratch Code Modification	17	Change	43
Section 2: Online Safety	18	Activity 18: Use Sevices In Sustainable W	44
Section 2 Teachers' Notes	19	• Format in Systems	45
Template for Self-Portraits	21	Act. ity 3: Digital Warning Systems	46
Online Safety	22	A tivity 24: Advantages/Disadvantages Of	
Activity 8: Paperclip Game	23	Early Warning Systems And Technology	47
Activity 9: Online Dangers 1	24	Activity 25: Design An App	48
Activity 10: Online Dangers 2	23	Digital Requirements Of Information Systems	49
Activity 11: Online Danger	26	Activity 26: Rainfall And Flooding In	
What is SAFE and UNSA E Online	27	Queensland	50
Activity 12: What Is Safe A Unsafe To		Activity 27: Examining Digital Data	51
Share Online	28	Activity 28: Information Systems Flowchart	52
Activity 13: Do Not Share This Information		Potential Uses Of Existing And Future Technology	53
Online - Word Search	29	Potential Uses Of Existing And Future Technology	54
Activity 14: The Permanency of Online Information 1	30	Activity 29: Social Media As An Information System	55
Activity 15: The Permanency of Online Information 2	31	Activity 30: Advantages And Disadvantages Of Social Media Platforms	56
Cyberbullying 1	32	Activity 31: How Can We Create Equality	
Cyberbullying 2	33	In Technology?	57
		Answers	58

To access videos and websites providing background to this book go to:

https://www.readyed.net/digital-technologies-for-years-5-6-book-2/

Pages that are linked to online content will have this symbol on them:





Create Your Own Algorithm! Activity 3 Select an everyday task either from the list below or come up with your own. Write down the steps necessary to complete this task. Remember to apply what you have just discussed in the Vegemite activity and be as specific as you can! Suggested everyday tasks: Make a paper plane, make a cup of Milo, locate and download an app or create and name a new folder on the desktop. Connecting algorithms with programming ... Think about the last exercise. Different sets of instructions (algorithms) were used

from different students which led to the same result at the end (e.g. making a paper plane). This is also how codes in programming can be written in different

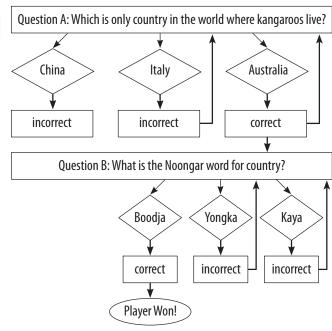


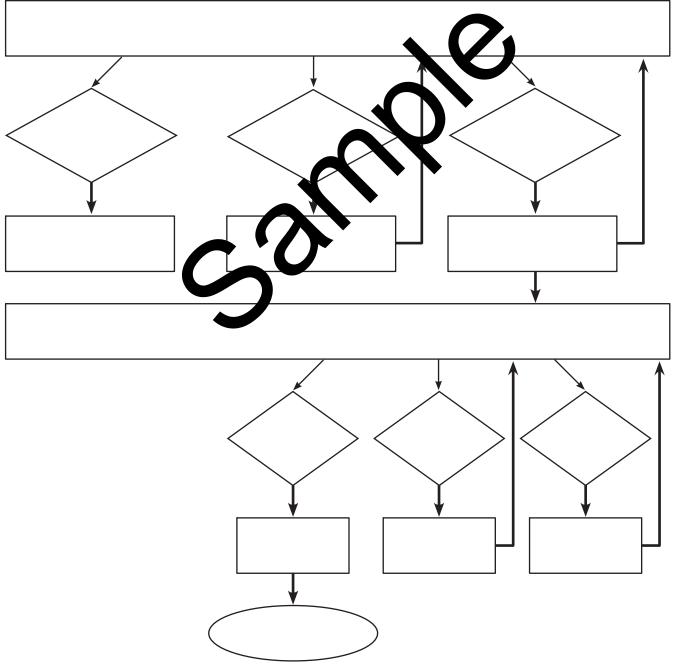
ways to implement the algorithm.

Activity 4 Quiz Show Interview

Imagine you are a quiz show host and are interviewing a player. Write down two factual questions that you know the correct answer to. Give three possible answers where only one is correct. These would flash up on the screen for them to choose from. In case your player chooses the correct reply, continue, and ask them the second question. Otherwise, they need to try again.

Now 'translate' this question-answer-game with its different scenarios into a simple flowchart like shown in the example.







Activity 8 Paperclip Game	<u>₹</u>
☐ Your teacher will get you to play the Paperclip Game. Answer these questions after playing.	>
What rules can you think of and why do they exist?	
How did it make you feel not knowing the rules and why?	
Why do you think it is important to have rules?	
How can they help us stay safe?	
How can this game be applied to your online safety?	
What rules can help you stay safe online?	



Activity 12 What Is Safe And Unsafe To Share Online



☐ Answer these questions to learn more about Cyber Safety.

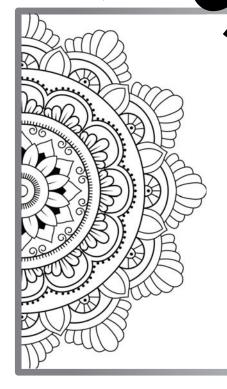
Write down some example websites where you must register to a scipate. What information do these websites want and why do you think they want it?	What types of inform	ation do you think is	okay to share onlii	ne?	
What information do these websites want and why do you think they want it?					
What information do these websites want and why do you think they want it?					
What information do these websites want and why do you think they want it?	Write down some exa	imple websites wher	e vou must reo te	r pagocipate	
			R		
BLOCK	What information do	these websites want	and why do you t	hink they want it?	
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Activity 16 Cyber Self-Care

☐ Draw and explain 6 different strategies you can use when you experience unfriendly behaviour online.



Make a cyber self-care dantra usir a good self-care strategies which you think might work for you.



All on well when I

Activity 19 Present And Reflect

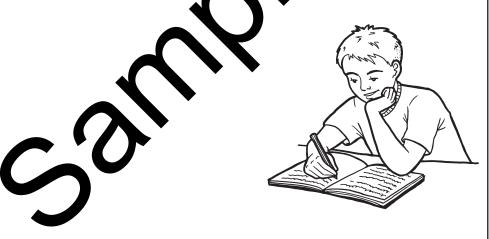
Present your online collaborated project to the class. Then fill out this reflection page.

Mindful Reflection

High - What was a positive thing that happened? Focus on what you were successful in, and what you are most proud of.



LOW – What challenged you? What do you think you need more help with? Focus on a sognismy causes of difficulties, and what was most stressful to you.



Growth - What was a new idea you had? What did you learn? Focus on what you found you enjoyed. What are you looking forward to?



Activity 24 Advantages/Disadvantages Of Early Warning Systems And Technology

Think about the early warning systems and the technologies they use. Brainstorm some advantages and disadvantages for the following technologies.



☐ List 3 advantages and disadvantages for each:

Satellite Communication Technology			
Advantages	Disadvantages		
	. 🔿		

bho Phone Technology		
Advantages	Disadvantages	



Activity 29 Social Media As An Information System



Examine the ways social media platforms can help inform of natural disaster warnings and procedures. For example, they can be used as an information system to inform people fast and effectively during severe weather events (e.g. WA Police use Facebook).

List 3 different social media platforms and give examples how they could help in the case of a natural disaster. 55