Year 7 Term 4 Week 2
Assessment Notification

Canberra Grammar School

Subject:	**Digital Technologies**
Task:	**Thunkable App Development**
Due Date:	**Term 4 Week 2 8:45am** **Thurs 14th October (All classes)**
Weight:	**40%**

Content of the Task

Throughout the term, you will be required to complete a series of Thunkable Tutorials, and Challenges to develop your knowledge and understanding of Mobile App Development.

Requirements of the Task

Thunkable Tutorials

During class, you will be completing a series of tutorials available on YouTube which have been linked in the booklet within Google Classroom.

Thunkable Challenges

During class, you will then complete 3 Challenges using the skills you learnt while completing the Thunkable Tutorials.

Submission Instructions

Thunkable Booklet

In Google Classroom, you will be provided with **Thunkable Tutorials and Challenges Booklets**, which you are required to complete throughout the term. This will include:

-   A place for you to paste links to each of your Thunkable Projects
-   Screenshots of the Design and Blocks tabs for each of your screens

When you have finished all **Tutorials and Challenges**, you will be instructed to submit your Google Doc to indicate that you have completed the final step of the **Thunkable App Development** task**,** ready to be marked and assessed.

Marking Criteria

The marking criteria is shown on the next page. You are encouraged to tick off the boxes as you complete them throughout the term.

Student Outcomes

ACTDIP023	Investigate how data is transmitted	**ACTDIP028**	Design the user experience of a digital system
ACTDIP025	Acquire data from a range of sources		
ACTDIP026	Analyse and visualise data to create information	**ACTDIP031**	Evaluate how student solutions and existing information systems meet needs
ACTDIP027	Define and decompose real-world problems	**ACTDIP032**	Plan and manage projects that create and communicate ideas collaboratively online

Year 7 Digital Technologies Thunkable Tutorials and Challenges (40%)

Name:

Marking Criteria:

Item	✅	Mark	Total
Thunkable Tutorials (20 marks)			
Tutorial #1: "Intro to Drag and Drop" is completed and functions correctly	☐	2	
Tutorial #2: "Screens and Navigation" is completed and functions correctly	☐	2	
Tutorial #3: "Translator" is completed and functions correctly	☐	2	
Tutorial #4: "Translator 2" is completed and functions correctly	☐	2	
Tutorial #5: "Camera and Image Recognition" is completed and functions correctly	☐	2	
Tutorial #6: "App Variables" is completed and functions correctly	☐	2	
Tutorial #7: "Logic Blocks" is completed and functions correctly	☐	2	
Tutorial #10: "Sound Playback" is completed and functions correctly	☐	2	
Tutorial #11: "Web API" is completed and functions correctly	☐	2	
Tutorial #12: "Randomness" is completed and functions correctly	☐	2	
Tutorial #8 "Sign in Screen" is completed and functions correctly	☐		
Tutorial #9 "Cloud Variables" is completed and functions correctly	☐		
Thunkable Challenges (20 marks)			
Challenge #1: Background colour changed	☐	1	
Challenge #1: Screen fully designed (3 buttons, counter label)	☐	2	
Challenge #1: Buttons and label styled	☐	1	
Challenge #1: Text-to-speech added, correctly says current count	☐	2	
Challenge #2: Screen fully designed and styled with title, button and response label	☐	2	
Challenge #2: When button is clicked, a response appears on the screen	☐	2	
Challenge #2: App functions fully with correct links to API	☐	2	
Challenge #3: Screen designed with 5 images, button and label	☐	2	
Challenge #3: When bird image is clicked, correct bird song is played	☐	2	
Challenge #3: When button is clicked, random bird song is played	☐	2	
Challenge #3: Label displays correct bird name	☐	2	
TOTAL		40	