

Year 7 Term 1 Week 10

Assessment Notification



Subject:	Digital Technologies
Task:	Thunkable Tutorials & Challenges (Updated for Remote Learning)
Due Date:	Week 10 8:45am Thu 9 April 2020 (All classes)
Weight:	35%

Content of the Task

This has been updated for Remote Learning

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

Before the end of Week 10, you will be required to complete a series of Thunkable Challenges to demonstrate your understanding of Mobile App Development.

The Thunkable Challenges will be published on the course website, as a video for you to watch, on Monday Week 9 <http://year7.cgscomputing.com/2020/>.

Requirements of the Task

Thunkable Tutorials (due by the end of Week 8)

During class and/or via remote learning, complete the following [Thunkable X Beginner Tutorials \(YouTube Playlist\)](#)

- Beginner Tip "How to change screens with navigators"
- Tutorial #1 "Platform Overview"
- Tutorial #2 "Text-to-Speech"
- Tutorial #3 "Random Answer Generator"
- Tutorial #4 "Translator"
- Tutorial #5 "Camera and Image Recognition"
- Tutorial #6 "Scavenger Hunt App"

Thunkable Walkthroughs (due by the end of Week 9)

While learning remotely, watch the Thunkable Video Walkthroughs, which have been published to the course website. Follow the instructions that guide you on how to create the following apps:

- Walkthrough #1 "RGB Colours" (Layout, Buttons, Labels)
- Walkthrough #2 "Compliments" (Layout, Buttons, Labels, Lists, Images, Text-to-Speech)
- Walkthrough #3 "Pokemon" (Layout, Buttons, Labels, Text Input, Decisions)

Thunkable Challenges (due 8:45am Thursday Week 10)

While learning remotely, you are required to complete the following apps **on your own**. These challenges are based on the components and skills covered in the **Thunkable Walkthroughs**.

- Challenge #1 "???" (Layout, Images)
- Challenge #2 "???" (Layout, Buttons, Labels, Lists, Text-to-Speech)
- Challenge #3 "???" (Layout, Buttons, Labels, Text Input, Decisions)

As noted above, these requirements will be published as a video for you to watch on Monday Week 9.

Submission Instructions

Thunkable Booklet

In Google Classroom, you will be provided with a **Thunkable Booklet (Google Doc)**, 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, Walkthroughs** and **Challenges**, you will be instructed to submit your Google Doc to indicate that you have completed the final step of the **Thunkable Tutorials and Challenges** 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	ACTDIP031	Evaluate how student solutions and existing information systems meet needs
ACTDIP026	Analyse and visualise data to create information	ACTDIP032	Plan and manage projects that create and communicate ideas collaboratively online
ACTDIP027	Define and decompose real-world problems		

Year 7 Digital Technologies Thinkable Tutorials and Challenges (35%)

Name:

Marking Criteria:

Item	<input checked="" type="checkbox"/>	Mark	Total
Thinkable Tutorials (5 marks)			
Tutorial #2 "Text-to-Speech" is completed and functions correctly		1	
Tutorial #3 "Random Answer Generator" is completed and functions correctly		1	
Tutorial #4 "Translator" is completed and functions correctly		1	
Tutorial #5 "Camera and Image Recognition" is completed and functions correctly		1	
Tutorial #6 "Scavenger Hunt App" is completed and functions correctly		1	
Thinkable Walkthroughs (15 marks)			
Walkthrough #1: 3 Buttons are created, with correct text and colours displayed		1	
Walkthrough #1: 2 Rows are created, with bottom row configured correctly		1	
Walkthrough #1: When "Red" is clicked, the top row's background turns red		1	
Walkthrough #1: When "Green" is clicked, the top row's background turns green		1	
Walkthrough #1: When "Blue" is clicked, the top row's background turns blue		1	
Walkthrough #2: All required components are included and displayed correctly		1	
Walkthrough #2: At least 3 "meme" images have been uploaded		1	
Walkthrough #2: When "Not good" is clicked, the correct random text is heard		1	
Walkthrough #2: When "Good" is clicked, the correct random text is heard		1	
Walkthrough #2: When "Meme" is clicked, a random meme image is displayed		1	
Walkthrough #3: All required components are included and displayed correctly		1	
Walkthrough #3: When "Favourite" is clicked, the correct response is displayed		2	
Walkthrough #3: When "Submit Age" is clicked, the correct response is displayed		2	
Thinkable Challenges (15 marks)			
Challenge #1: ???		5	
Challenge #2: ???		5	
Challenge #3: ???		5	
TOTAL		35	

Tick the boxes in this column when you have completed the task in each row