

# Thunkable App Development

## Year 7 Digital Technologies 2020 Term 1

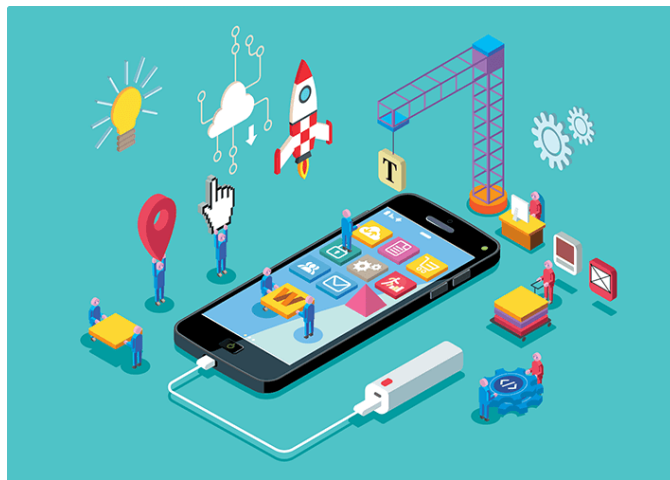


Image Source:

<https://fenzodigital.com/wp-content/uploads/2018/08/Mobile-App.png>

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# Thunkable X Beginner Tutorials

## What is Thunkable X

Thunkable makes it simple to create and customize mobile apps without coding.

All apps built on Thunkable work for both Android and iOS (see: [minimum requirements](#)).

We are going to be completing the following tutorials in class:

[Thunkable X Beginner Tip "How to change screens with navigators"](#)

[Thunkable X Beginner Tutorials](#) (1-6)

- 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"

Learning Intentions	Evidence of Success
<ol style="list-style-type: none"><li>1. How to use Live Preview (test in web browser) and how to test your app on your phone</li><li>2. How to use Text-to-Speech and buttons</li><li>3. How to create lists, select a random item, and display the random text</li><li>4. How to use the Translator</li><li>5. How to use the Camera and automatic image recognition</li><li>6. How to create a Scavenger Hunt (basic quiz app)</li></ol>	<ol style="list-style-type: none"><li>1. Navigation tutorial &amp; Tutorials 1-6 have been completed</li><li>2. Thunkable Project has been created with 5 different screens (Tutorials 2-6)</li><li>3. All functionality has been tested</li><li>4. Thunkable Booklet has been updated with screenshots of completed work</li></ol>

Copy and paste the link to your Thunkable Project below (by using the **share** button)

**Thunkable Link:**

# Screenshots

Copy and paste screenshots of your design and blocks in the table below.

Tutorial	Design Screenshots	Block Screenshots
2		
3		
4		
5		
6		

# Thunkable Walkthroughs

## Walkthrough of 3 Example Apps

We are going on build on the tutorials and show you how to create the following apps:

1. RGB Colour picker
  - a. Buttons
  - b. Row layouts
  - c. Changing component properties such as colours
2. Random Compliments App
  - a. Random Text-to-Speech
  - b. Random Meme Images
3. Pokemon App
  - a. Text Input
  - b. Decision Blocks

Learning Intentions	Evidence of Success
<ol style="list-style-type: none"><li>1. Using buttons to change background colours</li><li>2. Uploading images, and using buttons to output random spoken phrases and images</li><li>3. Reading text input into variables and making decisions based on different input</li></ol>	<ol style="list-style-type: none"><li>1. A Thunkable Project has been created with 3 different screens, one for each walkthrough</li><li>2. All functionality has been tested</li><li>3. Thunkable Booklet has been updated with screenshots of completed work</li></ol>

Copy and paste the link to your Thunkable Project below (by using the **share** button)

**Thunkable Link:**

# Screenshots

Copy and paste screenshosts of your design and blocks in the table below.

Walkthrough	Design Screenshots	Block Screenshots
RGB Colour picker		
Random Compliments		
Pokemon		

# Thunkable Challenges

## In class challenges

You are going to demonstrate your understanding of Thunkable App Development by completing 3 Challenges within a single lesson in class.

Learning Intentions	Evidence of Success
<ol style="list-style-type: none"><li>Challenge 1 will involve:<ul style="list-style-type: none"><li>Creating and resizing components</li><li>Uploading images</li><li>Changing properties such as background colours or font sizes/styles</li></ul></li><li>Challenge 2 will involve:<ul style="list-style-type: none"><li>Using row layouts</li><li>Use of lists and random item selection</li><li>Text-to-Speech</li></ul></li><li>Challenge 3 will involve<ul style="list-style-type: none"><li>Text Input</li><li>Decisions</li><li>Formatting output of text</li></ul></li></ol>	<ol style="list-style-type: none"><li>A Thunkable Project has been created with 3 different screens, one for each challenge</li><li>All functionality has been tested</li><li>Thunkable Booklet has been updated with screenshots of completed work</li></ol>

Copy and paste the link to your Thunkable Project below (by using the **share** button)

**Thunkable Link:**

Screenshots

Copy and paste screenshots of your design and blocks in the table below.

Challenge	Design Screenshots	Block Screenshots
1		
2		
3		