# App Design

## Curriculum links:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts .

- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs .

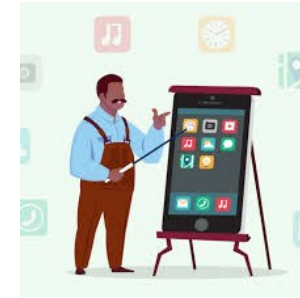- Use technology safely, respectfully, and responsibly.

## Key Knowledge:

- Know how to use the tools in different software.
- Understand how to change the slide size and background colour.
- Include text and images on different pages.
- Use icons and hyperlinks between pages.

## Possible programs/ websites:

- ilearn2
- Canva
- Powerpoint
- Keynotes
- App Shed (Paid)
- App Lab

## We should already know:

- An algorithm is a simple instruction for the computer.

- Debug programs to ensure the achieve a specific goal.

- Use logical reasoning to correct errors.

- Use technology safely, respectfully and responsibly.

## Key Vocabulary:

| Duplicate | Pages in your app can be duplicated (copied) to make it quicker to create similar looking pages. |
|-----------|--------------------------------------------------------------------------|
| Icons | Small graphics (icons) are used in apps instead of text because they are easier to |
| Hyperlink | These are links added to icons or text which takes the user to another page in the app when they are tapped. |
| Navigation | The way the user will move between the different pages of the app. The navigation is often different icons at the bottom |
| Screen Dimensions | The size of the screen (width and height). Each device has a different screen size. |