

# FRISCO PUBLIC Frisco Library

## Activities at Home

### Make an Android App

No coding experience required! Get started learning the fundamentals of coding common to all coding languages by creating a simple Android app using the free online tool MIT App Inventor. This is great as an individual activity or as a family activity you can do with your kids (ages 12 and up).

#### What you will need:

- Laptop/Desktop (Windows, Mac, Chromebook)
- Internet connection
- Android device
- Google account (Gmail, Google Drive, etc.)

#### Getting Set Up:

1. Install the MIT AI2 companion app on your Android device.

Detailed instructions for what you will pairing that Android device with:

([Windows / Mac](#) | [Chromebook](#) | [via USB Cable](#))

2. Create a free [MIT App Inventor 2](#) account [click the **Create Apps** button]

#### Create Your First App:

**Talk2Me Project App:** In this project you will create an app that uses a text to voice module. Along the way you will learn all the basic components and coding features that every app uses. Creating this app is broken up into two tutorials below. I recommend watching the video and then follow the step-by-step instructions of the PDF.

Tutorial #1 - [Video](#) [YouTube] | [Text](#) [PDF]

Tutorial #2 - [Video](#)[YouTube] | [Text](#) [PDF]

#### Deeper Learning:

- [Tutorials and Projects](#) [MIT App Inventor website]
- [Hello App Inventor](#) [book] [[Library Card Required](#)]
- [Developing Android Apps with App Inventor](#) [Coursera free course: high school and undergraduate]
- [App Inventor 2: Create your own Android Apps](#) [Free PDF]
- [Programming Foundations](#) [Lynda.com on-demand video course] [[Library Card Required](#)]