

# STEM from Home

## Food Facts

Food is a way to connect, gather memories of tastes, aromas, feelings, places and people you ate with. Holidays, celebrations, quiet evening meals, hurried snacks on a busy road- we can connect such a lot of experiences with food.

Have you ever thought about the journey of the ingredients which make up these delicious dishes? Their history and origins? Click on the link given here to explore the fascinating timeline of how food evolved.

<https://www.foodtimeline.org/>

In this STEM Pack, you will learn to create an interactive app, explore the origins of ingredients in some popular dishes and finally create an exciting app about world culture and food unique to certain countries.



## Main Activity: The Food Quiz!

### Introduction

Let's create a quizzing app for Android phones and tablets and build a quiz about food from around the world. Once you've learned these techniques, you can apply them to create more than just a quiz! These same coding tools can be used to make a complete interactive story, or to build a calculator, or a whole bunch of other cool apps.

### What You Will Learn

- How to use App Inventor to make Android apps
- Adding components to the screen and changing their properties
- Adding screens and writing code to move between them
- Using buttons to trigger an action
- Storing information between screens

### What You Will Need

#### Hardware

- A computer capable of accessing App Inventor
- An internet connection

#### Optional

An Android phone or tablet

### Getting Started

Click on this link to access the [Global Food App project](#) to begin.

# Bonus Activities

## Activity 1: Where Did It All Begin?

### Introduction

Did you know that Cheese seems to be the oldest man made food, showing up in early Mesopotamia and Egypt? Ancient cheese strainers were recently excavated in Poland, dating back 7,500 years and that the Inca Indians in Peru were the first to cultivate potatoes around 8,000 BC to 5,000 B.C?

Food has a fascinating history as one delves into the origins of spices, fruits and vegetables that we so easily see on our tables.

In this activity, we will conduct a quick research on the origins of the ingredients in some of our favourite or popular foods. Check this interesting link to learn about the history of food.

[https://en.wikipedia.org/wiki/Timeline\\_of\\_food](https://en.wikipedia.org/wiki/Timeline_of_food)

### What You Will Learn

You will learn about where some of our commonly used spices or other vegetables and fruits are originally from.

### What You Will Need

1. The Origins of Food Worksheet
2. An internet Connection To Research

### Getting Started

[Access the activity guidelines here.](#)

## Challenge Activity: The World on A Plate!

In the main activity you have learnt to create an interactive app. You will use the knowledge you have gained in that project to create an exciting app about world culture and food unique to some countries.

The app should provide the following information:

- Country
- Geographical & Climatic Conditions
- Is the Country Known for Any Particular Food or Spice? *For example Ethiopia is also known as the birthplace of coffee)*
- Important Festivals
- Food Made During These Festivals
- Myths Associated with The Food & Festivals

Choose a minimum of 3 and maximum of 5 countries.

Share a link of your app with a description of the app similar to ones that you normally see in App Store. Your final submission can be presented digitally using [Docs](#) or [Presentation](#) software.