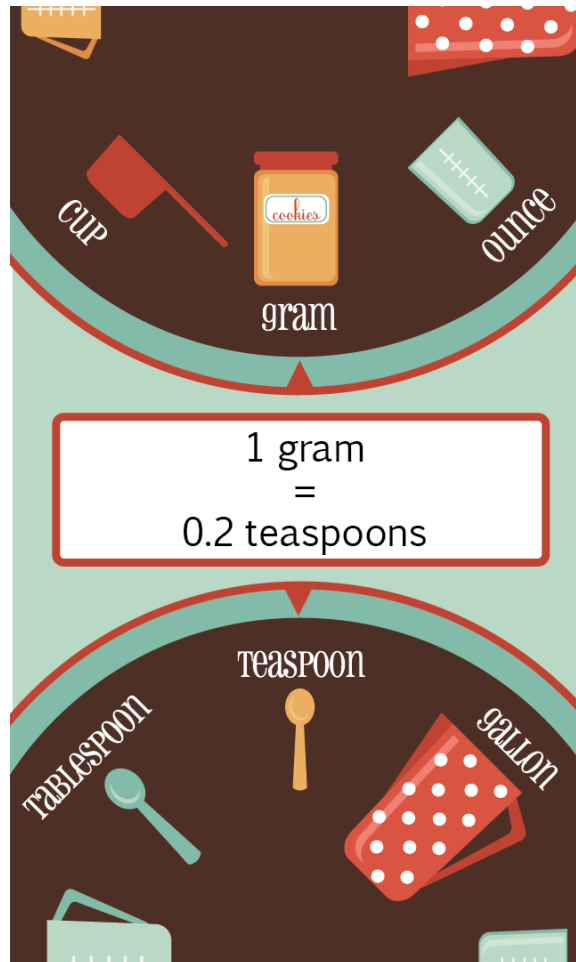


Load Screen



App Mockup



Icon



## Description

The app will contain two round, rotating pickers, each with the same measurements on each wheel. The wheel conversion will display in the center of the app as the wheel is rotated through each position, without pressing an enter button to compute the results.

## Digital Elements

So that I could stand apart from other baking conversion apps that I have seen, I designed all icons and digital elements in Adobe Illustrator with a colorful and fun color scheme. While they are displayed together in this mockup, I have each individual element available as well so that they can be pieced in as necessary.

## Pseudo-code

I have found tutorials on creating a similar picker of this type in these locations:

<https://www.raywenderlich.com/107687/uicollectionview-custom-layout-tutorial-spinning-wheel>

<https://www.raywenderlich.com/9864/how-to-create-a-rotating-wheel-control-with-uikit>

I will use these tutorials to assist in my programming the functionality of the round wheel picker. As my wheel is rotated, I will code each matchup of the top and bottom wheel as follows:

```
if gram1 && teaspoon2
```

```
    label = "1 gram = 0.2 teaspoon"
```

```
if cup1 && tablespoon2
```

```
    label = "1 cup = 16 tablespoons"
```

```
    etc.
```