## COMMON SUBSTITUTIONS

OILS AND DAIRY

$1 / 2$ cup butter $=1 / 2$ cup unsweetened applesauce or $3 / 4$ cup vegetable oil or 6 tablespoons yogurt or $1 / 2$ cup whipped avocado

Oil = yogurt
1 slice cheese $=2$ tablespoons avocado
1 cup sour cream = 1 cup plain yogurt or 1 cup whipped avocado
1 cup cream cheese $=1$ cup yogurt
1 cup mayonnaise $=1$ cup yogurt or 1 cup avocado
1 cup whole milk = 1 cup reconstituted nonfat dry milk +2 tablespoons melted butter
1 cup evaporated milk = 1 cup whole milk
1 cup buttermilk = Add 1 tablespoon freshly squeezed lemon or vinegar to a 1 cup measuring cup. Add milk to fill the cup. Let stand for 5 minutes before using.

1 cup cream $=1 / 3$ cup butter $+3 / 4$ cup whole milk

GRAINS
Rice = quinoa, bulgur, barley, cauliflower or broccoli "rice"
Pasta noodles $=$ zucchini noodles
$1 / 4$ cup fine, dried breadcrumbs $=3 / 4$ cup soft bread crumbs, $1 / 4$ cup unsalted cracker crumbs, $1 / 4$ cup cornflake crumbs, or $2 / 3$ cup rolled oats, or $1 / 4$ cup unsalted crushed nuts

## DRY INGREDIENTS

1 cup all-purpose flour = 1 cup pureed black beans or 1 cup of cake flour +2 tablespoons all-purpose flour

1 cup self-rising flour = 1 cup all-purpose flour +1 teaspoon baking powder $+1 / 4$ teaspoon salt
1 cup cake flour, sifted = Fill a 1 cup measuring tool with all-purpose flour, then remove 2 tablespoons. Now add 2 tablespoons cornstarch, sift well.

1 tablespoon cornstarch = 2 tablespoons all-purpose flour
1 teaspoon baking powder $=1 / 4$ teaspoon baking soda $+1 / 2$ teaspoon cream of tartar
1 teaspoon baking soda = 3 teaspoons baking powder (this works because there is baking soda in baking powder)

## WET INGREDIENTS

$1 / 2$ cup soy sauce $=4$ tablespoons Worcestershire sauce +1 tablespoon water
1 cup tomato juice $=1 / 2$ cup tomato sauce $+1 / 2$ cup water
2 cups tomato sauce $=3 / 4$ cup tomato paste +1 cup water
1 egg $=1 / 2$ of a banana, or $1 / 4$ cup mashed prunes, or $1 / 4$ cup mashed potatoes, or $1 / 4$ cup canned pumpkin

## OTHER

1 teaspoon fresh squeezed lemon juice $=1 / 2$ teaspoon vinegar
$1 / 2$ teaspoon vinegar = 1 teaspoon fresh squeezed lemon juice
$1 / 2$ teaspoon salt $=1 / 2$ teaspoon fresh squeezed lemon juice
1 tablespoon fresh herb $=1 / 3$ to $1 / 2$ teaspoon dried herb (of the same kind)

## SWEETENERS

1 cup granulated sugar = $13 / 4$ cup powdered sugar
Sugar = honey, maple syrup, agave nectar, or stevia. For specific measurements, go to: http://www.biggerbolderbaking.com/wp-content/uploads/2016/12/Sugar-Alternatives-Chart-Gemmas-Bigger-Bolder-Baking-FINAL.pdf

1 cup corn syrup $=1$ cup granulated sugar $+1 / 4$ cup water
1 cup brown sugar = 1 cup white sugar, or 1 cup coconut sugar, or 1 cup date sugar or substitute up to half of the sugar with agave nectar in baking
$13 / 4$ cup confectioners sugar = In a blender, grind 1 cup granulated sugar + 1 teaspoon cornstarch

## CHOCOLATES

1 ounce semisweet chocolate $=3$ tablespoons semisweet chocolate pieces or 1 ounce unsweetened chocolate +1 tablespoon sugar

4 ounces sweet baking chocolate $=1 / 4$ cup unsweetened cocoa powder $+1 / 3$ cup sugar + 1 tablespoon cooking oil or shortening, melted

1 ounce unsweetened chocolate $=3$ tablespoons unsweetened cocoa powder

+ 1 tablespoon cooking oil or shortening, melted

