

Learning Guide 1A – What is Chemistry? Chem 1010

Introduction

What do you think of when you hear the word CHEMISTRY?

What is chemistry?

A simple definition of chemistry:

Another way to say it:

Baking Powder: What is it and how does it work?

What is baking powder used for in cooking?

What would happen if you left it out of a recipe?

What happens when you add baking powder to water?

How does this make food rise?

What kinds of things can you cook with baking powder?

What else can be used to make things rise?

What kinds of things is yeast used to cook?

How long does it take yeast to make carbon dioxide compared to baking powder?

What is in baking powder?

So how is baking powder different from baking soda?

Which of these ingredients causes the bubbles to form?

So why is the cornstarch there?

How long will baking powder last in the cupboard? Can it go bad?

What does “double acting” mean?

What about recipes that only call for baking soda?

Why do some recipes call for both baking soda and baking powder?

What happens if you add too much baking powder?

What happens if you add too much baking soda?

If you were out of baking powder, could you use baking soda instead?

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What would you do if you were inventing a new recipe and didn't know whether to use baking soda, baking powder, or both?