

# Can You Stomach It?

## Grades 4 - 6

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### Introduction

Investigate how our bodies break down food into small, usable parts through an interactive exploration of our stomachs!

### Materials

- Clear zip top sandwich bag
- One slice of untoasted bread or other carb like crackers, rice, etc.
- One cup of any kind of vinegar or lemon juice
- One to two teaspoons of baking soda
- Pen or pencil
- Printed chart on page 2 or piece of paper



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Observations of Mechanical Digestion		Observations of Chemical Digestion	
Details about the Observation *what you observed, when it happened, how long it happened for etc.	How do you know mechanical digestion is happening?	Details about the Observation *what you observed, when it happened, how long it happened for etc.	How do you know chemical digestion is happening?
		<i>Example: I saw and heard bubbling when I added the baking soda and it lasted for about 15 seconds. The bag filled with gas and the bread got soggy.</i>	<i>Example: A chemical reaction often lets off gas and sound. The bread looked different afterwards, like it had been mushed up.</i>