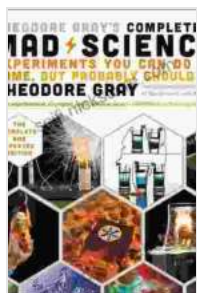


# Experiments You Can Do At Home But Probably Shouldn't: The Complete and Updated List

Science is all about experimentation. But some experiments are more dangerous than others. Here is a list of science experiments that you can do at home, but probably shouldn't.

## 1. The Elephant's Toothpaste Experiment

This experiment is a classic for a reason. It's easy to do and it's really fun to watch. But it can also be dangerous if not done properly.



### Theodore Gray's Completely Mad Science: Experiments You Can Do At Home, But Probably Shouldn't , The Complete and Updated Edition by Theodore Gray

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To do the experiment, you will need:

- 1 cup of hydrogen peroxide

- 1/2 cup of dish soap
- 1 tablespoon of yeast
- A large bowl
- A spoon

#### Instructions:

1. Pour the hydrogen peroxide into the bowl.
2. Add the dish soap.
3. Add the yeast.
4. Stir the mixture until it starts to foam.
5. Watch the foam erupt out of the bowl.

#### Warnings:

- Do not use more than 1 cup of hydrogen peroxide.
- Do not use more than 1/2 cup of dish soap.
- Do not use more than 1 tablespoon of yeast.
- Do not do the experiment in a small bowl.
- Do not do the experiment near any flammable materials.
- Do not let the foam touch your skin or eyes.

## 2. The Mentos and Diet Coke Geyser Experiment

This experiment is another classic. It's also easy to do and it's really fun to watch. But it can also be dangerous if not done properly.

To do the experiment, you will need:

- 1 bottle of Diet Coke
- 1 roll of Mentos mints
- A large bowl

Instructions:

1. Pour the Diet Coke into the bowl.
2. Unwrap the Mentos mints.
3. Drop the Mentos mints into the Diet Coke.
4. Watch the geyser erupt out of the bowl.

**Warnings:**

- Do not use more than 1 bottle of Diet Coke.
- Do not use more than 1 roll of Mentos mints.
- Do not do the experiment in a small bowl.
- Do not do the experiment near any flammable materials.
- Do not let the geyser touch your skin or eyes.

### **3. The Dry Ice Bomb Experiment**

This experiment is a little more dangerous than the previous two. But it's also a lot more fun.

To do the experiment, you will need:

- 1 pound of dry ice
- 1 gallon of water
- A large bowl
- A pair of gloves

Instructions:

1. Put on the gloves.
2. Break the dry ice into small pieces.
3. Put the dry ice in the bowl.
4. Pour the water over the dry ice.
5. Watch the bomb erupt out of the bowl.

**Warnings:**

- Do not use more than 1 pound of dry ice.
- Do not use more than 1 gallon of water.
- Do not do the experiment in a small bowl.
- Do not do the experiment near any flammable materials.
- Do not let the bomb touch your skin or eyes.

## 4. The Homemade Fireworks Experiment

This experiment is the most dangerous of the bunch. But it's also the most fun.

To do the experiment, you will need:

- 1 pound of potassium nitrate
- 1 pound of sugar
- 1 pound of charcoal
- A mortar and pestle
- A fuse
- A safe place to do the experiment

Instructions:

1. Grind the potassium nitrate, sugar, and charcoal into a fine powder.
2. Mix the powder together in a mortar and pestle.
3. Add the fuse to the powder.
4. Light the fuse and place the mortar in a safe place.
5. Watch the fireworks explode.

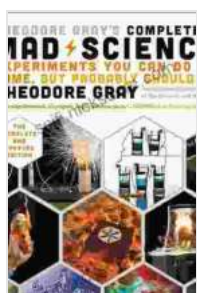
**Warnings:**

- Do not use more than 1 pound of potassium nitrate, sugar, or charcoal.
- Do not do the experiment in a small space.

- Do not do the experiment near any flammable materials.
- Do not let the fireworks touch your skin or eyes.
- Only do this experiment if you are supervised by an adult.

These are just a few of the many experiments that you can do at home. But please be careful when doing these experiments. Some of them can be dangerous if not done properly.

If you are not sure how to do an experiment, please ask an adult for help. And always remember to follow the instructions carefully.

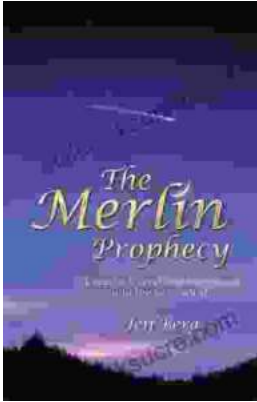


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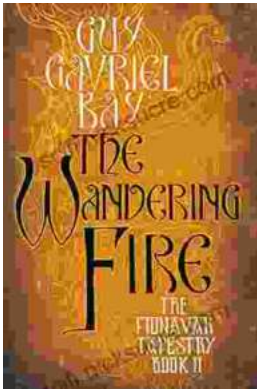
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