

# THE ENRICHMENT PROJECT

Badge Program

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## Science: Krampf-Style

*Robert Krampf is the "Happy Scientist." He has taught science, done a science road show and been on the Web for a very long time. His goal is to make science fun for kids.*

## SCIENCE: KRAMPF-STYLE

### Steps

#### 1. **Krampf who?**

Find out about Robert Krampf. What kind(s) of science does he do? How did he become a leader in his field?

#### 2. **Krampf on the Web.**

[thehappyscientist.com](http://thehappyscientist.com)

Visit Krampf's Web site and peruse his science experiments for kids. Which do you think kids would be interested in trying? If you would like, check out his free stuff on his site.

#### 3. **Krampf via YouTube.**

[www.youtube.com/user/RobertKrampf](http://www.youtube.com/user/RobertKrampf)

Check out some of Krampf's videos on YouTube to help get you excited about science.

#### 4. **Science safety.**

Before doing experiments, make sure you are safe. Make a list of safety equipment you need. If you are working with chemicals, make sure you know what to do in case of an emergency.

#### 5. **Experiment yourself.**

Try an experiment, or more than one, you think kids might like. Make sure you understand the science behind the experiment.

#### 6. **Creating "themes."**

Doing a single experiment is cool, but putting them together gives a greater view to a scientific concept. Create a "theme" by putting two or more experiments together. Check to make sure they all work with your theme to give a better understanding of the concept you're trying to communicate.

#### 7. **Do it!**

Get a group together to do the experiment(s). Make sure you have all safety precautions in place and explained to the group.

#### 8. **Non-experiment experiment.**

Experiments do not have to be done in a specific setting. Find experiments that you can take on a camp out, do at a party, etc. How can you present it to be more "fun"?

#### 9. **Science — the juicy part.**

Discuss the science behind the experiment with the group. Don't give them all the answers. Let them figure it out from the experiments they just did.



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#### 10. **Exploration for the group.**

Share the information for Krampf's science experiments. If you're meeting your group again, ask them to find an experiment that shows the same concept to bring back to you.

#### **Sites to Explore**

[thehappyscientist.com](http://thehappyscientist.com)

[www.youtube.com/user/RobertKrampf](http://www.youtube.com/user/RobertKrampf)

[en.wikipedia.org/wiki/Robert\\_Krampf](http://en.wikipedia.org/wiki/Robert_Krampf)

[www.learnoutloud.com/Podcast-Directory/Science/Archaeology/Experiment-of-the-Week-Video-Podcast/30213](http://www.learnoutloud.com/Podcast-Directory/Science/Archaeology/Experiment-of-the-Week-Video-Podcast/30213)

[www.facebook.com/TheHappyScientist](http://www.facebook.com/TheHappyScientist)

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