

# Main ideas

- Email [sande253@msu.edu](mailto:sande253@msu.edu) to get a username and password, to get assigned a demo, or for help.
- Follow the template closely!
- Use the "new page" box on the wiki homepage to get started!

# How to document a Science Theatre demonstration

Using the ST wiki

# Sign-up

- Please sign up to work on a demonstration
  - If you sign up for one with a writeup, we will email you the old Microsoft Word document to put on the wiki.
  - If you sign up for one with no writeup, I will email you details to get you started.
- Or contact [sande253@msu.edu](mailto:sande253@msu.edu) to get an assignment
- If you'd like to make a brand new demo, that's awesome! Please run it by us first so we can help you however we can.

# Logging in

- Go to <http://www.sciencetheatre.org/wiki/pmwiki.php>
- A username and password will be emailed to you.
- If not, contact [sande253@msu.edu](mailto:sande253@msu.edu) to get one.

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## Welcome to the MSU Science Theatre Demonstration Database wiki.

This wiki is meant as a collaborative authoring tool for ST officers to develop the documentation for demonstrations. Volunteers may use the database to read the documentation.

You can find a demonstration writeup by searching for it in the box above or browsing the categories at left. You can use the "Generate PDF" link at the upper right to make a copy of a writeup fit for printing or distribution.

Officers can create a new writeup by learning the [categorization rules](#) and [editing syntax](#) and looking at the [Science Theatre template](#). Also learn how to format [chemical formulas](#). To get started, create a new page:

Create a new page called:

abitmodernCopyright

The homepage links you to the editing manual

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Your most important resource: the template

# msu science theatre

## tie dye milk

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## Tie Dye Milk

### Playing with food

**Last updated:** [nathansanders?](#) August 14, 2009, at 09:02 AM

**Age:** [Elementary School](#)

**Format:** [Hands-on](#)

**Category:** [Biology](#)

**Scientific Concepts:** [Surface Tension](#), [Density](#), [Food](#), [Soap](#), [Solubility](#)

**Materials:** ([printable checklist](#))

- Petri dish
- Whole milk
- Toothpick
- Liquid soap
- Food coloring
- A basin for disposal of used milk
- Wash basin

**Safety Precautions:** Science Theatre demonstrators must keep the safety of themselves and their audience in mind at all times. The ST Safety Box with first aid kit, fire extinguisher, etc. should always be available to demonstrators. Always wear safety gloves, glasses, and a labcoat if handling chemicals; always perform potentially dangerous demonstrations at a safe distance from the audience; and always keep a very close eye on any volunteers you call from the audience. All Science Theatre demonstrators must be [Safety Trained?](#) If young children are allowed to perform

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## Editing Demos.TieDyeMilk

!%center% Tie Dye Milk

!!!%center% Playing with food

''Last updated:'' [[~nathansanders]] August 14, 2009, at 09:02 AM

''Age:'' [[Category.Elementary|Elementary School]]

''Format:'' [[Category.HandsOn|Hands-on]]

''Category:'' [[Category.Biology|Biology]]

''Scientific Concepts:'' [[Concept.SurfaceTension|Surface Tension]],  
[[Concept.Density|Density]], [[Concept.Food|Food]], [[Concept.Soap|Soap]],  
[[Concept.Solubility|Solubility]]

''Materials:'' ([[{\$Name}-check|printable checklist]])

- \* Petri dish
- \* Whole milk
- \* Toothpick
- \* Liquid soap
- \* Food coloring

Summary: Author: [Profiles?](#)[Basic editing](#) - [Text formatting rules](#) - [Documentation index](#)Tables: [simple](#) - [advanced](#)**Paragraphs:** for a new paragraph, use a blank line;**Line break:** \, [[<<]], or (:nl:)

-&gt; to indent text, -&lt; hanging text

**Join line:** \**Lists:** \* for bulleted, # for numbered, :term:definition for definition lists

The editing window has help

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Use the homepage to make a new writeup page - a concise version of the template will be auto-loaded!

# Basic editing syntax

- Full documentation is available at <http://www.pmwiki.org/wiki/PmWiki/DocumentationIndex>

# The absolute basics: headers

- A main header:  
*! This Is A Title :D*
- A secondary header  
*!! This is a subtitl*
- You can also center things
  - *!%center% I'm in the middle*
- Set headers off from other text using blank lines

# The absolute basics: formatting

- To make a new paragraph, you have to leave a blank line
- **"I am bold"**
- *"I am italic"*
- Lists:
  - \*item1
  - \*item2
  - \*item3

# The absolute basics: links

- Hyperlink:  
[[msu.edu|I go to MSU]]
- Images: just type in the location! You can specify the size (width) if you think it might overflow.
  - Upload it yourself:  
%width=400px% Attach:doppler3.png
  - Link to it:  
%width=400px% www.fake.com/mypic.jpg

# The writeup format

- Follow the template as closely as possible!
  - Materials, What to say, etc...
- Sign your name:  
~~~~
- Write the Safety section very carefully!
- Record all your references!

# The materials sheet

- Following the template, you will notice a "printable checklist" in the materials section.
- Click on this link in the finished writeup to open a new checklist page that you can edit.
- The template source code for the materials sheet is available at <http://www.sciencetheatre.org/wiki/pmwiki.php?n=Demos.TieDyeMilk-check?action=edit>