

Science - Matter Project

Due Date: November 10, 2017

Use PowerPoint, Prezi, Sway or Spark to create a present your information to the class.

Find an area of science related to the particle theory of matter that you are interested in and would like to research. Include all items listed below.

1. Title Page and Presentation Overview (table of contents)
2. Create a video of an experiment or a video of a demonstration or take a picture of a model that you have created. Insert the video or picture into your presentation. Be sure to inform your parents about what you are doing to ensure that it is safe.
3. Explain in words the science involved in you project. Use 4-8-point form ideas.
4. Draw and color a labelled diagram. Scan your diagram and insert into your presentation.
5. Include 4 pictures with captions
6. Include 4 interesting vocabulary words related to your topic. Create a word cycle for these words.
7. Create a chart with 4 statistics related to your topic. Include a caption with the chart explaining your chart.
8. Create a graph with a minimum of 4 items on your topic.
9. Include a Hotlist of 4 websites that have useful information about your topic. State the website address, a brief description of the site and why it useful. Also state any information you can find about the author of the site.
10. Place an end slide on your presentation that asks for questions.

Bonus: Create a song about your topic or make a commercial about your topic. You may take a song that already exists and change the lyrics or create a re-make of the commercial. Record your song or video and play it for the class as part of your presentation.

Cool Chemistry Science Fair Project Ideas

Do women's cosmetics contain potentially harmful chemicals?

Why do some liquids mix with each other while others don't?

How does the strength of tape decrease over time?

Why do some fabrics shrink after being washed?

Research the characteristics of different gases.

What's the best way to remove a red wine stain from carpet?

Test a range of household cleaners to see which works best.

What are the most difficult stains to remove?

Can you use forensic science to see if someone in your house has been reading your diary?

What's the best way to remove bad odors from a room?

Test the effects of different types of acids on various materials.

What types of glue are the strongest?

How do glow sticks work?

Study the effectiveness of sunscreen.

How effective are vitamin supplements?

What are some negative side effects of medicine?

How do non-stick fry pan surfaces work?

What kind of chemicals does chewing gum contain?

Study the different types of chemicals used in shampoo and conditioner.

How does hair dye work?

Use litmus paper to test the pH level of various chemicals.

What are the chemical differences between permanent and non-permanent markers?

Explore the chemistry of crystals

What substances release the most harmful chemicals when burnt?

More Science Project Ideas

<http://www.education.com/science-fair/chemistry/>

<http://www.sciencebuddies.org/science-fair-projects/Intro-Chemistry.shtml>

http://www.all-science-fairprojects.com/science_fair_projects.php?s_terms=chemistry&s_difficulty=2&s_category=

<http://www.ipl.org/div/projectguide/choosingatopic.html>

<https://www.google-sciencefair.com/springboard/en/>