

ELEMENTS, COMPOUNDS and MIXTURES WEBQUEST

ELEMENTS, COMPOUNDS and MIXTURES

<http://www.chem.purdue.edu/gchelp/atoms/elements.html>

What are the visual differences between elements, compounds and mixtures?
Fill in below boxes with bullet points.

(Hint : look at the 'Notes' section under the pictures)

| ELEMENTS | COMPOUNDS | MIXTURES |
|----------|-----------|----------|
| | | |

MIXTURES vs COMPOUNDS

<http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch2/mixframe.html>

(Hint : Scroll down the page)

1. What are some differences between mixtures and compounds?

2. How can cereal relate to mixtures and compounds?

ELEMENT, COMPOUND or MIXTURE?

<http://www.funtrivia.com/playquiz/quiz148865110c980.html>

Take the quiz and record your answers below.

| ANSWERS |
|---------|
| 1. |
| 2. |
| 3. |
| 4. |
| 5. |
| 6. |
| 7. |
| 8. |
| 9. |
| 10. |

SOLUTIONS and MIXTURES

http://www.chem4kids.com/files/matter_solution.html

1. Is a heterogeneous mixture a solution? How do you know?
2. Define solute.
3. Define solvent.
4. What are the steps to making a solution?
5. Can anything change solutions? Be specific!
6. What is solubility?

COMPARING ELEMENTS and COMPOUNDS VENN

<http://www.teach-nology.com/worksheets/science/element/venn/>

Copy the Venn diagram from this site and complete with facts about what you have learned.