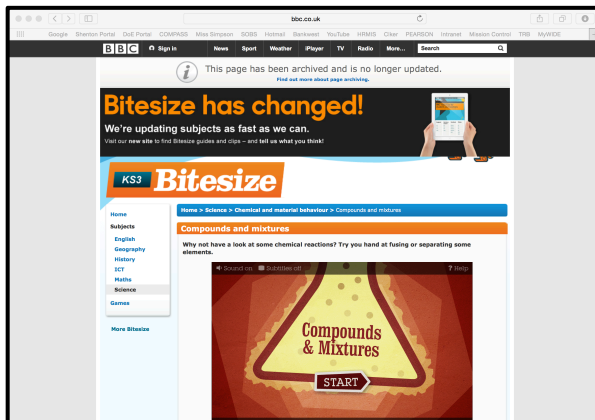


Name: _____


Compounds and Mixtures Webquest

This webquest has been designed to give you a good general overview of the differences between compounds and mixtures in chemistry. Please read the information below and answer the questions in the spaces provided. Go to the following website:

http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/compounds_mixtures/activity/
or if this **fails to load** go to www.google.com and type in "BBC compounds and mixtures" into the search bar. Select the 1st option from the list that has been generated for you. You know you are on the correct website when it looks like the image below:



1. What compound is made when you bond iron and sulphur together? _____

2. Draw a picture in the space provided of an oxygen molecule. 

3. What happened when you fused hydrogen and oxygen? _____

4. What do we call a combination of elements that are **not** chemically combined? _____

5. What is chromatography? _____

6. How can you tell which dyes dissolve more easily? _____

7. What does filtration separate? _____

8. Why is heat so important in distillation? _____

[**A quick recap**] Complete the sentences:

9. Atoms that are bonded together are known as _____

10. Atoms of the _____ element can join to form _____.

11. Compounds are _____ or more _____ of different elements _____ bonded together.

12. Compounds can have _____ properties to their component elements.

13. Mixtures are elements that are _____ chemically joined.

The third degree

Complete the quiz. What was your score? _____

Extension activity for early finishers

Go to www.missimpson.com and select "Alchemy" "Periodic Table" or "Molecules" to play a game.

[<http://missimpson.com/chem-extension.htm>]