Mixtures Web Lesson

Define in your own words:

Mixture:

Example:

Solution:

Example:

Compound:

Example:

Element:

Example:

Mixture Basics

Go to [http://chem4kids.com/files/matter\_mixture.html](http://chem4kids.com/files/matter_mixture.html%20%20)

Read the section & click link titled “Take Quiz on Mixtures.” Write the answers below.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Go to the link below. Choose objects and mix them with water. List if the resulting substance is a mixture or a solution

<http://archive.fossweb.com/modules3-6/MixturesandSolutions/activities/junkyardanalysis.html>

|  |  |
| --- | --- |
| Object | Mixture or Solution in Water |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| 11 |  |
| 12 |  |
| 13 |  |
| 14 |  |

The Mixtures Lab

Go to [http://www.harcourtschool.com/activity/mixture/mixture.html](http://www.harcourtschool.com/activity/mixture/mixture.html%20)

After the activity, fill in the table below with what you discovered.

|  |  |  |
| --- | --- | --- |
| Mixture | Separation Mechanism | Physical Properties that Allow Separation |
| Sand and Iron Fillings |  |  |
| Salad |  |  |
| Salt and Water |  |  |
| Muddy Water |  |  |
| Dust in Air |  |  |

Play this when you’re done! http://www.quia.com/rr/33049.html