

Separating Mixtures

Name_____

Lab

Date_____Period_____

During this lab you will separate materials from a mixture using the information we have discussed and read in class.

Materials:

A mixture of:

Salt

Sand

Iron Filings

Styrofoam

Water

First decide, as a group, how you will do the separation. Write your ideas down.

1.

2.

3.

4.

5.

6.

Actually do the procedure:

Check with me for any other materials that you may need to complete the exercise.

List the materials you will need:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

When you are completed you should give me four cups. Your group # should be on your cups.

Cup 1	salt
Cup 2	iron filings
Cup 3	sand
Cup 4	Styrofoam

Questions:

Answer is complete sentences

1. How did you actually get the sand out of the mixture?

2. How did you actually get the iron filings out of the mixture?

Separating Mixtures

Name _____

Lab

Date _____ Period _____

3. How did you get the Styrofoam out of the mixture?

4. How did you actually get the salt out of the mixture?

5. Which substance was the easiest to remove from the mixture? Why?

6. Which substance was the hardest to remove from the mixture?
Why?

7. If you were to do this experiment again, how would you change your original plan to make it easier?

Procedure I would change

Extra Materials Requested

