What is recycling?

1. The average person in the U.S. produces _______ pounds of waste per day.

2. _______ percent of what people throw away could be recycled.

3. ___________ ___________ are the second most common kind of waste found on beaches.

4. You can make 20 soda cans from recycled ___________ with the same amount of energy as it takes to make 1 completely new can.
5. Landfills shield plastic water bottles from the sun, preventing them from ______________ for thousands of years.

6. Everything in nature is ______________ and ______________.

7. The process by which organic matter becomes dirt is called ______________.

8. What are the 3 R’s? ______________, ______________, and ______________.

List some observations about your homemade paper.

______________________________________
______________________________________
______________________________________
______________________________________

______. 
1. In your group, tear up colored paper into small bits.
2. Bring your group’s paper to the blender.
3. Fill blender with newspaper and your colored paper and then cover the paper with warm water.
4. Blend paper into a pulp.
5. Fill aluminum tray ½ full with warm water.
6. Pour paper paste into aluminum tray.
7. Add seeds and gently stir up the paste.
8. Dip your screen frame into the mixture, underneath the paper and seed layer.
9. Gently bring frame to the surface and move back and forth to make the pulp even.
10. Lift the frame straight out of the water and allow excess water to drip off.
11. Carefully place frame on top of towel.
12. Put second towel on top of the frame and flip the frame over.
13. Remove the top towel and use the sponge to soak up as much water as possible (press firmly on the screen)
14. Lift frame and gently loosen paper.
15. Air dry your paper.
*If curling occurs, wrap paper in towel and put a heavy book on top of it.
17. Once dry (3 hours), cut your sheet into 2 pieces (for bookmarks) or leave whole.