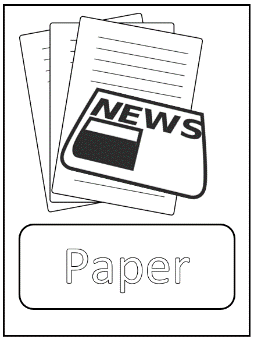
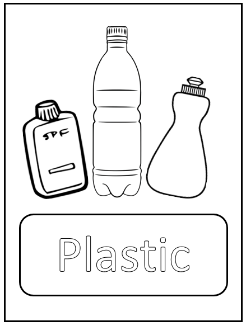
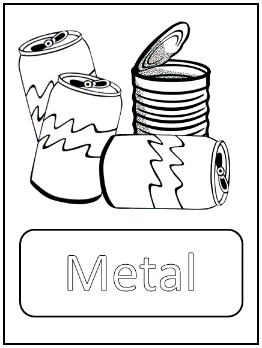
****

**Testing Material Properties**

Test the material as follows:

**Magnetism test**: Place a magnet onto the material. Does the magnet attract and stick to the material, yes or no? If it does the material is magnetic.

**Flexible test**: How much will the material bend before it breaks? Try to bend the material gently between your hands. Award a mark of 1 to 5: 1 mark for not being very flexible and 5 for being very flexible and easy to bend.

**Transparency test**: Can you see through the material, yes or no? Hold the material up to the light and check. If you can see clearly through it is transparent.

**Density test**: Make sure you have the same size of each material. Use activity sheet 2 to help you record the

**Testing Results Table**

Record your results.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Material | Material Properties | | | |
| Magnetic  Y or N | Flexibility  1 to 5 | Transparency  1 to 5 | Density  g/cm3 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |