

Lego Lab Activity

Objective: Students will use manipulatives to demonstrate the Law of Conservation of Mass.

Materials: Lego pieces, 3 different colored pencils

Procedure and Data:

1. You have been given a Lego house. Count and record the total number of Legos used to form the house.

a. Total numbers of Legos used for the house = _____

b. Diagram the house (**in color**). *You will need this diagram later.*

2. Use the Lego pieces to create 2 new separate structures. Anything you like but you must use all of your pieces. Your structures have to be real, identifiable things (ex. a tree). Diagram (**in color**) and label your 2 new structures.

a. How many pieces did you use for structure 1? _____

b. How many pieces did you use for the structure 2? _____

c. What was the total number of pieces that you used? _____

3. Next take the Legos and separate them by color. Take all the reds and form the number **1**. Take the **blue** and form the number **2**, and take all the yellows form the number **3**. You must use all the Lego pieces.