Name: Date: Class Period

Video Link: Density for kids https://youtu.be/Rhp6u6qZM9k

What is Density?

Rocco was wondering why his friends can float around on the surface of the water while he sinks like a rock. He needs to learn something about _____. Before you can understand density, you have to understand that everything around us is made up of little, tiny pieces called _____. It's kind of like Lego's, little tiny pieces that make up the _____ thing. ALL MATTER IS MADE OF PARTICLES! How those particles are put together determines the _____.

In the space below draw the picture you see of Rocco, Woodly, Noodleman and the glass of water. Don't forget to draw the dots that represent the tiny particles!

Go to the next page→

Discussion:

1. Which of these four substances is most dense? How do you know?

2. Which is least dense? How do you know?

3. What do you think would happen if you put Noodleman in water? Why?

4. What do you think would happen if you put Rocco in water? Why?

5. What do you think would happen if you put Woodly in water? Why?

Sum it up:

In your own words explain the difference between a low density object and a high density object. Here are some words to help you get started - [Objects, particles, close together, far apart, high density, low density].

Is water made up of particles? _____

What determines whether an object will float or sink when you put it in water? Make sure your explanation refers to the particles in the object and in the water!