Monday, Jan 23/Wed, Jan 25

1. Finish the 8 Brain Pop Videos and Review Quizzes related to Matter. (Open document in Google Classroom to see the assignment and list of videos.)
2. Place your first and last name on your Brain Pop Review Quiz Answer sheet in the right corner (assign 73).
3. Turn your paper into me as soon as you finish.

**Discovery Ed Density Activities (Assignment #75)**

* Sign into **Discovery Education** (button is on WLMS homepage)
  1. Student **Username** is -----wcp+student id#
  2. Student **Password** is-------student id #
* Once in Discovery Education, in the SEARCH space type in “**Measuring Density**” (video)

(<https://app.discoveryeducation.com/learn/videos/886a0ecd-33ac-4a5b-a184-fb5c91fe2a07?hasLocalHost=false>)

* Watch the video segment called “Measuring Density”. It is 3 min and 19 seconds long (3:19).
* Answer the following questions in complete sentences on notebook paper (assignment #75)
  + - 1. Define density.
      2. How do you find the mass of an object?
      3. How do you find the volume of a rectangular shaped object?
      4. How do you find the volume of an odd or irregular shaped object?
      5. What formula do you use to find the volume of a regular shaped object?
      6. What formula do you use to find the density of an object?
      7. What is the density of water?
      8. If an object has a density of less than 1 g/cm3, will it float or sink in water?
      9. If an object has a density of more than 1 g/cm3, will it float or sink in water?
* In the search button, type “**Explaining Density**” (video segment 5:25)
* Watch the video segment called **Explaining Density then do the following:**

1. Draw the density column or density tower with the 5 liquids in it. Label the liquids and color them appropriately (later if you don’t have colored pencils with you.)
2. Draw the objects in the liquids in their appropriate positions. Label the objects.
3. Do research to find the densities of the 5 liquids that are in the density tower. Label the densities of each liquid next the name of each liquid.
4. Predict what you think the density of each object is based on the position that it landed in the layers. Record your prediction next to the name of the object.

* In the search button, type “**Sink or Float**?” (Exploration)
* Complete the exploration and record three things you learned from this exploration.
* Watch the video called “Setting up the Tower” (5:52)
* **Creative Connections**---Read the directions attached to Weebly. Try to build a density tower at your house. Try dropping some objects in your tower. Make an answer key to your tower. Take a picture of you with your successful tower. Email me the photo or print it and bring it in.