**VOCABULARY:** *(write your definition here!)*

**Porosity:**

**LISTENING TEST**

Which particle is the loudest?

**POROSITY TEST**

How much water did the jar of CLAY hold?:

How much water did the jar of SAND hold?:

How much water did the jar of GRAVEL hold?:

**BAD SCIENCE ALERT**

What was wrong with the clay in our experiment?

If we did the experiment over again, what would you do differently to make the science better?

**Sooooo….**

After talking with Geologist Anna, which particle size did we find out ACTUALLY has the GREATEST POROSITY - it’s just hard to test with the water experiment?

**PARTICLE SIZE + SHAPE:**

What’s the biggest particle?

What’s the smallest particle you can STILL SEE with your eyes?

Which particle do you need a microscope to see a single piece?

Which particle is flat and like a penny?

Which particles are round?

**PERMEABILITY TEST**

Which particle is the MOST permeable?

Which particle is less permeable?

Which particle is NOT permeable?

**VOCABULARY:** *(write your definition here!)*

**Permeability:**

***\*\*Bonus Words\*\****

**Impermeable:**

**Percolation:**