**LEGO Wiggle Worm**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Materials:** 1 Yellow Set, Measuring Tape

**Objectives:** To create a wiggle worm with the highest score.

**Essential Questions:**

1. What is a wiggle worm?
2. How do you measure something?
3. What is the difference between “extended” and “folded”?

**Directions:** Today you are going to create a wiggle worm. You want to make it as long as possible when it is extended and as short as possible when it is folded.

**Score= Length-Folded Length**

Remember: You will measure your wiggle worm extended and you will measure it folded.

**Calculations**: (Don’t forget Units of Measurement!)

1. How long is your wiggle worm when it is **EXTENDED**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How long is your wiggle worm when it is **FOLDED**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **Score = Length - Folded Length** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. How many **SECTIONS** does your wiggle worm have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. How many **DOTS** do you see on the top of your wiggle worm? \_\_\_\_\_\_\_\_\_\_
6. Fold up your wiggle worm. How much does it **weigh**? \_\_\_\_\_\_\_\_\_\_\_\_\_
7. Take A **Picture of Your Wiggle Worm Extended**. Paste it here!