

Bug-A-Licious Math



BUG MATERIALS

CAN YOU HELP?

I think we can safely predict that our station will be quite popular with students. So, if you wouldn't mind donating some of the materials needed to make your child's original insect masterpiece, we can help other students make it as well. This is not required, but will be very much appreciated.

POSSIBLE MATERIALS

Try looking at actual photos and imagine what food item would best help create that shape. This could include pretzel sticks, Oreo cookies, graham crackers, etc.

DRESSING THE PART

Our classes will be dressing the part as students will create their own antennas for the station.

PHOTOGRAPHER NEEDED

Are you available for creating a photo album of our students with their finished insect products? We would like to use this as a visual answer key, along with the directions to make a class insect recipe book for our class. Yum!

Don't Bug Me...I'm Eating My Math

A Mrs. Bunyi & Mrs. McPhee Adventure

Our classes will be featuring a math booth that incorporates math, science, and food. Students are being asked to create their very own insect critter out of various candy materials. These finished products will then be created by visiting students and parents at our Family Math Night booth. The catch? Directions to put the insects together will require some complex math skills before eating.

We really want to showcase the skills we have addressed and are striving for mastery. A sample set of directions is included on the back of this sheet, but here are some helpful math terms and concepts that you may want to incorporate into your directions and material lists. Rather than directly say, "You will need 3 marshmallows," try, "You will need $(2 \times 3) - (6 - 3)$ marshmallows."

Materials/Directions

I incorporated some of the following skills/concepts:

- _____ Geometry shapes (eg- hexagon, right angle, polygon)
- _____ Geometry terms (eg- vertices, line segments, congruency, rotation, obtuse angle)
- _____ Use of fractions (eg- $\frac{3}{4} + \frac{1}{4}$)

- _____ Use of decimals (eg- $.75 + .25$)
- _____ Application of angles (eg- place at a 35 degree angle)
- _____ Apply algebraic equations (eg- $(3 \times 4) + (2 + 2)$ or 3^3)

Editing

- _____ Directions are written neatly and in complete sentences.
- _____ Directions are free of spelling errors.
- _____ My directions are clear and make sense.

