



Buggin' Out

Getting Ready

Nature gives a F for survival if you don't find food, so let's start *Buggin' Out* for food!

Stuff to Make it Happen (Materials)

bug photocopies "sticky animal" pencil* paper*
 math verbs photocopies math signs photocopies "equals" signs photocopies

Making it Happen (No "sticky animal throwing" at each other OR the teacher!)

1. Remove the "sticky animal" from its container. Tear up some scrap paper, lay them on the table. Practice flinging the animal and catching the paper! Now you're a predator!
2. Cut out the bugs. Each of the two largest sizes, split into two even groups. Divide the next size into three even piles. The smallest bugs should be split into four even piles.
3. Put numbers only on the plain side of any bug. Write an 11 on one pile of biggest bugs and 10 on the other. The next sized bugs get 9's and 8's. Put 7's, 6's, and 5's on the next smallest. The very smallest bugs are numbered 4's, 3's, 2's, and 1's. Spread these bugs out *face down* on the table. Make sure you can't see any numbers. *Mix them around.*
4. Carefully cut out the math process verbs, signs, and "equals" signs from the sheets. Mix up the math process verbs and put them in a neat stack *face down* in front of you. Put both the "equals" signs and the math process signs in front of you **FACE UP!** Now let's eat bugs!!!
5. During your turn you only get *five* tries to catch two bugs of any size. Only if you catch two bugs, draw one math verb card from the stack. Put this math verb card aside. Pick up the same math sign card and equals sign from the supply in front of you. Don't put your bugs back! Take turns until your teacher says to stop.
6. Arrange your bugs in pairs along with the math sign and equals sign you drew to get the biggest answer possible. Arrange the pairs of bugs anyway you want, but there MUST only be two bugs in each math process!! Do each math problem. Show your partners when you're finished, let them check your answer. Make a score sheet and record answers.
7. The highest total is the winner! You did get enough bugs to survive, right?

Understanding the Science

A living thing which eats another one is a **Predator**. The critters who become lunch are **Prey**. Predator's don't always catch prey, just like you missed a bug occasionally. That's life as a predator, lunch doesn't want to be lunch! They don't want to "do" lunch with you!

