

Can you divide a Kiss?



Description: Students in will try to divide a Hershey kiss into the smallest pieces.

Materials needed:

- Hershey Kiss (one per student)
- Plastic knives, paper towels

Prior knowledge needed:

None

Time required: 5 minutes

Procedures:

- 1) Open Hershey kiss and place on paper towel
- 2) Using the plastic knife cut in half.
- 3) Repeat step 2 until it is as small as you can get it.

Questions:

- 1) Can you divide it forever?
- 2) If you kept dividing this what would the pieces be like?
- 3) What is the smallest you can make it and still be able to taste it?

Name: _____

HOW *Sweet* IS THE ATOMIC THEORY?

Directions: Research each scientist that developed the atomic theory. Fill in the chart with information about each scientist. When the chart is finished, collect candies from your teacher. Inspect the candies. Cut them open if you want, match the candy to the model developed by each scientist. Here is a great website to use to fill in the chart <http://thehistoryoftheatom.weebly.com/index.html>

SCIENTIST AND DATE OF ATOMIC THEORY	3 FACTS ABOUT THEORY	DIAGRAM OF SCIENTIST'S MODEL OF THE ATOM	TYPE OF CANDY
DEMOCRATIS Date of atomic model:			
JOHN DALTON Date of atomic model:			
J. J. THOMPSON Date of atomic model:			
ERNEST RUTHERFORD Date of atomic model:			
NIELS BOHR Date of atomic model:			
	MODERN MODEL		
ERWIN SCHRODINGER Date:			
CHADWICK Date:			