

WARNING

YOU MUST VIEW THE POWER POINT FIRST WITH INSTRUCTIONS

YEAR 4'S COKE and MENTOS SCIENCE EXPERIMENT

WHAT YOU NEED/EQUIPMENT

- Two bottles of Coke a cola bottle (new one/unused)
- Two packets of Mentos

HAZARDS/CAUTION

- You must ask for adult permission
- Make sure you do this experiment OUTSIDE (a few metres from any buildings)



SCIENTIFIC VOCABULARY

REACTION

PHYSICAL OR CHEMICAL

EXPLOSION

ERUPTION

TEXTURE

SMOOTH

BUBBLES

CAN YOU THINK OF ANYMORE?

PREDICTION

KQ: Which experiment will have a higher explosion or fountain of bubbles?

FIRST MAKE YOUR PREDICTION FOR EXPERIMENT 1 AND THEN FOR EXPERIMENT 2.

EXPERIMENT 1 WILL USE **WHOLE, SMOOTH** MENTOS

EXPERIMENT 2 WILL USE **CRUSHED, BROKEN** MENTOS

QUESTIONS TO THINK ABOUT

Which reaction went higher? Experiment 1 or 2- was it with the whole mentos or the crushed ones?

How much liquid is left in the bottle? Why?

Is it more or less than the amount that was left when used the whole mentos.

GOOD LUCK AND HAVE FUN!!!!!!!!!!