

Mole Day Celebration Ideas

Making a mountain out of a molehill

Make a Piñata Mole

Buy, or make a Piñata. Fill it with several moles worth of candy and bust it open.

Example:

Smarties work well for this. Smarties are about .5 grams each and are made of almost all Dextrose.

Dextrose's formula is $C_6H_{12}O_6$ and that's about 180 gram per mole.

So 10 moles of Smarties = 1800 grams or about a 4 pounds bag of Smarties.

Note: Skittles weigh 1.1 grams per skittle.

Make Guacamole

Here's the joke:

GaucaMOLE.... get it Mole!

Made with Avocadoes...think of Avogadro!

Eat some Mole sauce

Do Some Mole Math

What would 1 mole of avocadoes look like?

Toast a mole (see additional hand out)

Pour and drink 18 ml of water.

Measure a Mole in under 1 second (see additional hand out)

2 Dry Aluminum cans weigh about 27 grams (the mass of 1 mole of Al)

Show a mole of Gas

Put a Mole in a Bag using Dry ice (see additional hand out)

A mole in a bottle (see additional hand out)

Torture a mole

Get a stuffed mole. Torture them....because they'll torture you!

These can be purchased at science teacher conventions or from on-line sources.

More suggestions:

<http://www.moleday.org/htdocs/projects.html>

<http://www.enc.org/features/calendar/unit/0,1819,6,00.shtm>