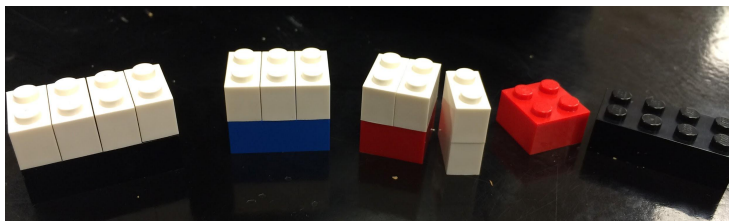


A HUGE thank you to Phil Culcasi for hosting!

Wheaton Warrenville South 3.20.19 ~~~~~ Presentations are listed in chronological order.

Phil Culcasi (Wheaton Warrenville South)

[Teaching the atom/bonding from a historical approach](#). Go through looking at the bonding ability (second page), make CH_4 , NH_3 , OH_2 , FH



Lead the kids into Lewis structures from the lego model discussion

Rob Peterson (Saint Viator HS)

Twitter template to teach the history of the model - tweet, hashtag, and picture.

Stefan Panzilius (Maine West)

Coal miner lantern (<https://www.youtube.com/watch?v=pyFTijbsZzo>)

Get the water to drip about 1 drip per second.

Talk about incomplete and complete combustion.

Can buy on [ebay](#) (~\$20 - \$200)



Steve Adamski (Timothy Christian)

[Never Ending Contamination Case Study, Questions, and KEY](#)

Jill Serling (Glenbrook South)

Use the [Matter Model](#) to show a solid structure. Demonstrate temperature by jiggling the matter model at different speeds. I also use an [infrared thermometer](#) to measure the temperature of the table, then rub the table and take the temperature again. Draw the parallel to what must be happening with the atoms of the table (they must be moving more since the temperature is higher). Also a chance to talk about macroscopic/microscopic views (since we don't see the table's particles moving)



Sherri Rukes (Libertyville HS)

Electric Pen - [Writing with Electricity](#)

Soak chromatography paper with KI/spray starch solution. Using a 9 volt battery, attach 1 alligator clip-wire to each of the leads. Then attach the other end of one alligator clip to an aluminum foil "plate" (see picture below)- and attach the other alligator clip end to a small gauge copper wire with the end curved. Once connected, use the small gauge to "write" on the soaked chromatography paper. Try reversing the leads on the battery and see what happens!

