

Lesson Plan for July 17th

Hook: Draw the structure for Potassium or Calcium and write about the different shells, the valence electrons, and how you knew how many protons, neutrons, and electrons are in each.

(5 mins)

Objectives: SWBAT determine how many valence electrons each element has and how it can become a noble gas by using visual diagrams of candy.

Purpose: The purpose of this lesson is for the students to know the role of valence electrons. Also once I explain that everything wants to be a noble gas they will do candy diagrams of different elements using the Lewis Dot Structure to figure out if the element needs to accept or get rid of an electron(energy).

(15 mins)

Input: The main activity for the day will be the candy Lewis Dot structures. This first helps them with the Lewis Dot Structures and secondly with the diagrams it will help them visualize the energy it takes to receive or give off an electron.

(25 mins)

Check for understanding:

Students will be given an element and they will have to draw it up on the board and say if it should give off or accept an electron to become a noble gas.

Homework:

Lewis Dot structure handout(attached)

Remember
write a
two steps
3
to do this
lesson.