|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sodium Lamp **“Pass the Sodium” “…Please!” “Dang! Salty or nah?!”** What is Sodium?   * It’s an element on the periodic Table, represented by the Chemical Symbol Na * Sodium is an element within what most know as table salt * Sodium is actually deadly poisonous to humans when consumed by itself and can ignite when in contact with WATER! |  |  | |  | | --- | | Who We AreAbout Us Iyawo Ogun Esugbola Oyagbile  Black Body Khemistry  Due Date: 3/12/15 References: <http://education.jlab.org/itselemental/ele011.html>  <http://www.nlm.nih.gov/medlineplus/ency/article/002415.htm> | | |  |  |  | | --- | --- | --- | |  |  | Sodium  (6) | | |  |  | |  | | --- | |  | |  | | Sodium | | Sodium, the best element on the table! (Oh yes we did! Don’t be Salty!) | |

(2) (1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Where is the word “Sodium” from?** It comes from the English Word “soda” and from the Medieval Latin word “sodanum” which means “headache remedy”.  **So what’s it used for?**  The Earth uses it to compromise over 26% of its crust.  It is used in the processing of titanium, sodium peroxide, sodium cyanide, and sodium hydride.  http://www.gfx3.de/konstantin/wordpress/wp-content/uploads/2008/09/na.jpg  Sodium helps form Baking Soda’s chemical compound.  http://a3145z1.americdn.com/wp-content/uploads/2014/11/how-to-fight-colds-and-the-flu-with-baking-soda1.jpg |  |  | **Atomic Model and Periodic Table Square** P = 11  N= 12  **11 Na**  **Sodium**  **22.990** |  |  | **How Else do we use Sodium?**  **Table Salt**  **Sodium Vapor used to make yellow lights in streetlights.**  http://pixdaus.com/files/items/pics/4/90/37490_e7bfbaa57cc97ded706bd370f9fff8db_large.jpg  http://www.lamptech.co.uk/Images/Illustrations/SO%20Lamp%20SOX%20Labelled.jpg  **Caustic Soda**  http://www.wembleytrading.com/imageschem/008_Caustic%20Soda%282%29.jpg |