**10 SCIENCE CHEMISTRY ASSIGNMENT**

THE PERIODIC TABLE /50 %

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due date: \_Tuesday 27/10/15\_

**Aim:** This assignment will allow you to research information about the periodic table and the scientist who put it together, as well as some of the elements.

***Write a report that includes the following information.***

Info on Dmitri Mendeleev: His date of birth and death, place of birth, name and atomic number of the element named after him, a description of his achievements regarding the periodic table, an explanation as to why spaces were left in the periodic table, the three elements that were later added in these spaces, two interesting facts about Dmitri Mendeleev and a photo of him.

Info on: two elements that are alkali metals, two alkaline earth metals, two radioactive elements, two noble gases, two halogens and two transition elements. For each of the elements you list, state the year it was discovered and one use for it.

You will be allocated a chemical element. Yours is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Info on your element: type of element, position on periodic table, when, who and where discovered, how was it named, two interesting facts.

**IMPORTANT INFORMATION**

**Plagiarism**

This assignment is to be done individually, not with a partner.

You must write in your own words not copy sentences word for word from another student or another source.

Plagiarising = instant zero on assignment and you will have to re-do it.

**How to reference a book:**

Tsutaya, K. (2011). Crafting with Cat Hair: Cute Handicrafts to Make with Your Cat. Philadelphia: Quirk Books.

Author’s last name, first letter of first name. (Year of publication). Title of book. Place of publication: name of publisher.

**How to reference a web site:**

Rice, C. (2013). Retrieved February 8, 2014 from [www.bbc.co.uk/news/technology-25103362](http://www.bbc.co.uk/news/technology-25103362)

Author’s last name, first letter of first name. (Year of publication). Date you retrieved the information, website.

**Assessment policy**

Have sick note/legitimate reason from parent = new negotiated due date.

Assignment not submitted on due date and no sick note from parents = -20% mark

Assignment not submitted on new negotiated due date = -40% mark

+ Letter home to parents

+ Must attend academic completion to complete assignment

Academic completion not attended = zero on assignment + Saturday detention

**If you know that you cannot submit your assignment on the due date, let your teacher know BEFORE the due date (email them if you are not in school) or just email them your assignment the night before.**

**NOTE TAKING SHEETS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Notes** | | |
| Date of birth |  | Date of  death |  |
| Place of birth |  | | |
| Name of element and  atomic number named  after him |  | | |
| Achievements  regarding the  periodic table |  | | |
| Why spaces were left in  the periodic table |  | | |
| Three elements later  added to the spaces |  | | |
| Two interesting facts  about Dmitri Mendeleev |  | | |
| Elements and info for  each  Elements and info for  each (continued) |  | | |
| Information on your  element |  | | |

**MARKING KEY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Description** |  | **Your**  **mark** |
| Scientist  research | Date of birth  Place of birth  Date of death  Name and atomic number of element named after him  Description of achievements regarding periodic table  – minimum 2 sentences  Explanation why spaces were left in periodic table  3 elements later added to these spaces  Two interesting facts about Dmitri Mendeleev | 1  1  1  2  3  2  3  2 |  |
| Elements | Two elements that are alkali metals  Two elements that are alkaline earth metals  Two elements that are radioactive  Two elements that are noble gases  Two elements that are halogens  Two elements that are transition elements  For each element:  Year discovered  One use for the element | 1  1  1  1  1  1  6  6 |  |
| Your element | Type of element and position on periodic table  When, where and who discovered  How named  Two interesting facts | 2  3  1  2 |  |
| Notes | Note taking sheet is complete or own hand written notes  are attached | 2 |  |
| Referencing | Minimum of 3 references  Variety of sources - minimum of 1 book references  Referenced in correct format | 1  1  1 |  |
| Presentation | Cover page - full name, assignment title, eye-catching  The use of headings - clear separation of sections  Correct spelling, grammar, sentences  Relevant images or pictures | 1  1  1  1 |  |
| **Total mark** | | 50 |  |

Mark as percentage %