**10 SCIENCE PHYSICS ASSIGNMENT**

Isaac Newton



Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher:\_\_\_\_\_\_\_\_\_\_\_\_

Form:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due date:\_\_\_\_\_\_\_\_\_\_\_

**Aim:** This assignment will allow you to find out about Isaac Newton, some of the discoveries he made and how they impact us today.

Write a report covering the following information about Isaac Newton. His date and place of birth, the date of his death, information about his early life (his family and where he grew up), where he completed his education, a brief summary of what was going on in world history in the time that he lived (e.g. world wars).

For each of the three laws of motion; state the law, include a hand drawn and labelled diagram in pencil and a description of how the diagram shows the law. As well as this, describe what else Isaac Newton did for a job or profession, any awards or recognition he received (e.g. Nobel Prize, first person to…), a description of some of his other contributions to science and a quote by Isaac Newton or an interesting fact about him.

**Presentation**

Cover page with your full name, form, teacher and assignment title.

Neat writing (if you struggle with this, type your information).

Correct spelling, grammar and full sentences.

The use of headings to separate each section.

Clear, labeled diagrams.

Relevant images or pictures.

Assignment neatly stapled together with this booklet attached to the front.

**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.

**Referencing**

You must reference your information (except text book information).

Include a minimum of 4 references, 2 must be from books.

Use the referencing style below and found at the back of your school diary.

If you are still unsure on how to reference correctly, ask your teacher.

**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

**OR**

Submit assignment to student services before academic completion date and academic completion not necessary.

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 SHEET**

You may use this page or attach your own hand written notes instead.

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Notes** | | |
| Date of  birth |  | Date of  death |  |
| Place of birth  (country & town) |  | | |
| Early life |  | | |
| Education |  | | |
| World history |  | | |
| Three laws of  Motion  -State law  -Labeled  diagram for  each law  -Description  of each diagram |  | | |
| Other jobs or  professions |  | | |
| Awards or  recognition |  | | |
| Other  contributions  to science |  | | |
| Quote or  interesting  fact |  | | |

**MARKING KEY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Description** |  | **Your**  **mark** |
| Research | Date of birth  Place of birth (country and town)  Date of death  Early life - minimum 2 sentences  Education – minimum 2 sentences  Summary of history at time - minimum 2 sentences  First law of motion statement  First law of motion labeled, hand drawn diagram in pencil  First law of motion description of diagram - minimum 2 sentences  Second law of motion statement  Second law of motion labeled, hand drawn diagram in pencil  Second law of motion description of diagram - minimum 2 sentences  Third law of motion statement  Third law of motion labeled, hand drawn diagram, in pencil  Third law of motion description of diagram - minimum 2 sentences  Awards or recognition  Other jobs or professions - minimum 2 sentences  Other contributions to science - minimum 2 sentences  Quote or interesting fact | 1  1  1  2  2  2  1  2  2  1  2  2  1  2  2  1  2  2  1 |  |
| 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 reference  Referenced in correct format | 1  1  1 |  |
| Presentation | Cover page - full name, form, teacher, assignment title  Neat writing or easy to read typing  The use of headings - clear separation of sections  Correct spelling, grammar, full sentences  Relevant images or pictures | 1  1  1  1  1 |  |
| **Total mark** | | 40 |  |

Mark as percentage %

Teacher’s comments:

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