**Sir Isaac Newton Assignment**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You will be writing a report on Sir Isaac Newton.

Your report needs to include:

☞A cover page with your name, the name of the assignment and your form (if you would like to have pictures on it or decorate it that would be even better!)

☞ Different headings for each section of the report.

☞ The report can either be hand written neatly or typed.

☞ All the words must be your own, no copy and pasting!

☞ The report must be stapled together neatly as a booklet with this page on the front.

☞ A reference page needs to be included at the end of the report.

1. Date of birth, place of birth and date of death.

2. Why is Sir Isaac Newton famous?

3. One interesting fact about Sir Isaac Newton (something not mentioned anywhere else in your report)

4. What did he discover about the spectrum of light?

5. How did he discover the spectrum of light?

6. Explain another important discovery Sir Isaac Newton made.

7. What is the ‘spectrum of light’?

8. Hand draw a coloured, labelled diagram of the light spectrum.

9. Explain how the discovery of the spectrum of light has been useful to people.

**MARKING KEY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 |
| Cover page |  |  |  |  |  |
| D.O.B, D.O.D, place of birth |  |  |  |  |  |
| Why is Sir Isaac Newton famous?  *(minimum one paragraph)* |  |  |  |  |  |
| Interesting fact about Sir Isaac Newton  *(minimum two sentences)* |  |  |  |  |  |
| What did he discover about the spectrum of light?  *(minimum two sentences)* |  |  |  |  |  |
| How did he discover the spectrum of light?  *(minimum two sentences)* |  |  |  |  |  |
| Explain another important discovery Sir Isaac Newton made  *(minimum three sentences)* |  |  |  |  |  |
| What is the spectrum of light?  *(minimum two sentences)* |  |  |  |  |  |
| Hand drawn coloured diagram, neat and labelled |  |  |  |  |  |
| How has the discovery of the light spectrum been useful to people? *(include three reasons)*  *(minimum one paragraph)* |  |  |  |  |  |
| Presentation of work  *(neat, clear headings, stapled together)* |  |  |  |  |  |
| Correct references. At least 3 different sources – one must be from an encyclopaedia, book and internet site |  |  |  |  |  |
| **TOTAL MARKS**  **/35** | | | | | |