**A Scientist Like Me Assignment—Gr 5-12**

**Content:**

**In your own words, you will research and report on a historical or current scientist who you relate to in some way. You will prepare:**

-A biography that includes their origins, their schooling, their major work.

-A paragraph’s equivalent of information that compares the scientist to you in some way.

-An explanation of their major scientific endeavour—and describe how this work meets key criteria of science

-A bibliography of at least 3 sources, and least one of which must be a periodical (even if you have found it on-line) or book.

**Process**

1. Pick a scientist—may be dead or living.

2. **Gather information that is both significant (important) and interesting** and write it in short factual statements under each heading (use content points above as headings) but keep it brief (synthesise it down).

IMPORTANT: **Do Not** copy and paste directly from your source

 **Keep Track** of your sources—consider using a research chart (see website for an example)

RECOMMENDED: You will find it easier if you USE BULLET POINTS to separate individual pieces of information

1. You may find some good **images** during your research . You should save the images or the image links for later.

\*\*Research notes here
4. Think about the **sequence (order)** of your key ideas (headings).

As you further research you may add new key ideas (headings). As you get further into it you should start thinking about the order the information is presented in:

Does it flow naturally?

Does the information tell the story?

Does it make sense?

**Format**

You may make a poster, powerpoint presentation or report. It needs to contain at least two images, one representing the scientist and one representing their work. You need not use original images, but if they are not hand drawn or rendered by you, then you must make sure that you include a specific reference for the image in your bibliography.

DUE DATES:

Research Notes—

Completed Assignment—

A SCIENTIST LIKE ME

|  |  |  |  |
| --- | --- | --- | --- |
| Criteria | Developing | Proficient | Extending |
| Includes all content points |  | Describes biography of scientist in detail  |  |
|  | Describes schooling of scientist (undergrad and graduate training) |  |
|  | Compares scientist to student in a way that is meaningful and relevant |  |
|  | Describes scientist’s work in detail  |  |
|  | Applies the 6 criteria to the scientist’s work, evaluating if each is present |  |
| Writing |  | Writing is clear and well organized; information is presented in a way that engages the reader and flows logically.  |  |
|  | Spelling and grammar are good. |  |
| Style |  | Uses at least 2 images, one of the scientist and one representing the scientist’s work. |  |
|  | Written portion is clear and presented in a legible font and format. |  |
| Bibliography  |  | Bibliography is written in APA or MLA format and contains 3 sources, at least one of which is a book or peer-reviewed journal. |  |

Comments:

RESEARCH NOTES: Scientist name: \_\_\_\_\_\_\_\_\_\_\_\_ Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Content | Source 1:(include bibliographic details) | Source 2:(include bibliographic details) |
| Early life and family origins |  |  |
| Education |  |  |
| Major Work |  |  |
| How are they like you |  |  |
| Other interesting facts |  |  |

|  |  |  |
| --- | --- | --- |
| Content | Source 3:(include bibliographic details) | ROUGH FINAL ASSIGNMENT DESIGN |
| Early life and family origins |  |
| Education |  |
| Major Work |  |
| How are they like you |  |
| Other interesting facts |  |