***Scientist of the week***

Description and Rubric

**Step 1**: Sign up for a date to present.

**Step 2**: Choose a scientist-no repeats. This scientist must be a person of color. (Sign up in the classroom any time)

**Step 3**: Use at least three sources (list them). One of them must be a book.

**Step 4**: Create a presentation that highlights the scientist, their life and their impact on the world.

**Step4.5:** Invite *someone from hom*e to come in to our classroom to

**Step 5**: Present your chosen scientist to the class in 3-5 minutes.

**The following are REQUIRED ELEMENTS to be included in your presentation**:

1. Name of scientist
2. Picture **OR** visual representation of scientist
3. Why you chose this scientist (*make a meaningful personal connection*)
   1. Be prepared to elaborate on this connection during your presentation.
4. What did you set out to learn about this scientist?
5. Field of science (marine biology, psychology etc)
6. Type of education they received (high school, college, graduate degree etc)
7. Most important Accomplishment(s) - highlight one (at least) piece of work that the scientist has been a part of
8. What, if anything, has this scientist done for your community?
9. What restrictions did this scientist face?
10. **Focus questions (choose three to answer):** What is the main research question of the scientist(s)? What were the findings? How was the research done? What organism/geographic location was used in the research and why? What was the public/scientific response to the research (support or disapproval) and why? What was the hypothesis of the research? What were the results or consequences of the research? Why is the research important? What questions did this research make you ask?

**The following are acceptable CHOICES for your presentation:**

Poem

Song

Poster

Prezi

Paper

Sculpture

Monologue /Dialogue

Skit

Painting

Drawing

Dance

Artistic representation not included above but discussed with teacher

Experiment

Model

Demonstrations

**Scientist of the Week Rubric:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level** | **LT 6** | **LT 6. 2** | **LT 6.3** | **LT 6.8** |
| **4** | - Includes all of the required elements and includes something beyond; for example: challenges a norm, digs deeper, makes multiple meaningful connections, adequately answers multiple focus questions etc  - Elaborates on the findings of the scientist  - Experiment/demonstration that models or is inspired by the work of the chosen scientist (demonstrate the connection between the two projects) | Develop model and apply to new situation | Apply what was learned in an investigation to a new situation (ie outside of the classroom) | Obtain, evaluate, and communicate scientific information  (Goes above and beyond by presenting a creative visual representation of scientist  Speaks to audience with eye contact, clear voice  Evidence of preparation and practice  Is super creative with presentation and delivery  Engages audience with a creative presentation) |
| **3** | - Includes all of the required elements  - Explains the research of the scientist | Use model | Plan and carry out an investigation | Obtain and evaluate information  Attempt to communicate information  (Attempts to speak to audience with eye contact, clear voice  Evidence of preparation and practice  Attempts to engage audience  Creates a presentation that follows the guidelines) |
| **2** | Does not include all of the required elements | Describe models; use model with assistance | Follow procedure | Identify scientific information  (Does not create a presentation that follows the guidelines  Evidence of lack of preparation) |