Nyack High School Science Research - Summer Assessment Rubric

**GENERAL REQUIREMENTS**

1. Student is **on time and prepared** for meeting with **completed forms**.

2. Portfolio is **organized** and **complete**.

3. Student has made significant effort to achieve **all the goals agreed to by instructor and student** at the beginning of the summer.

4. Student has shown **written documentation** to support all goals claimed.

5. Student has read and demonstrates knowledge on **new** literature pertaining to area of research interest, including a minimum of **three** scientific journal articles.

6. Student has completed a **bibliographic reference sheet**, or **written a 75-100 word summary with proper bibliographic reference** of each new article, podcast, webpage, documentary program, etc., reviewed.

7. Student has attended lab or **contacted mentor at least once every two weeks**, or a minimum of **five** times over the course of the summer. **Written documentation provided**.

8. Student has shown **detailed laboratory notebook with dates and time-on-task** noted.

9. Student has spent **at least 24 hours** on research over the course of the summer.

10. Student has demonstrated effort and produced work **beyond** the goals established at the beginning of the summer.

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**GRADE SPECIFIC REQUIREMENTS (Juniors)**

11. Student has documented evidence of **in-depth attempt** to overcome obstacles and problem-solve over the course of the summer.

12. Student has **increased knowledge base** of area of research interest.

13. Student has established a **mentor** in research area.

14. Student has **written an annotated bibliography** with a minimum of 7 references, 5 of which must be journal articles. (See attached outline)

15. Student **has written a reflection of their summer work**: 1st paragraph - what was accomplished, 2nd paragraph - what you learned, 3rd paragraph - what needs to be accomplished during the upcoming year.

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**TOTAL FOR THIS MEETING**

- 28 – 30 = A
- 26 - 27 = A-
- 24 - 25 = B+
- 22 - 23 = B
- 20 - 21 = B-
- 18 - 19 = C+
- 17 - 18 = C
- 16 - 17 = C-
- 14 - 15 = D+
- 12 - 13 = D
- 10 - 11 = D-
- < 10 = F