



CARDINAL CHALLENGERS END OF YEAR FINAL  
DO YOU HAVE WHAT IT TAKES?

**The End of Year Final:** Investigate one area of interest from one of the core subject areas.

English: Author study, Genre study, Theme study, Wonder study

Science: Cells, Wave Energy, Chemistry, Rocketry

Math: Math Origins (Arabia, Greece, Rome, Mayan, Egypt, Pi, Zero, Negative #s, etc.).

Social Studies: Anything\* between 10,000 BC to 1500 AD.

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**Required Elements:**

1. You must use color. Failure to use color in the project will result in an immediate failing grade.
2. You must present this project in front of the Cardinal Challengers Team.
3. Your project will be no longer than 5 minutes of presentation time. You will have a minute and half to set up your presentation.
4. Your presentation must represent your group's most creative idea.
5. We are looking for a depth of knowledge in your chosen area. Become the expert on this subject. Drill deep for information. Leave no source unread, no stone unturned, no fact left unexamined. Go deep. Take scuba gear. When you think you're done, you're not. Dig some more!
6. Groups no larger than 5 and no smaller than 4. You will be peer evaluating each others' work. Don't accept slackers into your group. Even if they are your friends. Your work effort is also graded on the rubric by each day of the project. See below for an example.
7. There will be no PowerPoint/Google Slides. Ain't happening. Don't ask. (Ok, now you asked and it is -1.6 million points off your project. See what you did?)
8. You must use your combined creative powers for good.
9. You may not wander from room to room like vagabonds. You must pick a room to work in and commit.
10. You may use Mrs. Terry and Mrs. Campbell as a resource, however you need to schedule your time with them as they is obligated to other teams during the day.
11. You may not just wander from project to project wasting other people's time by chatting with them or eating snacks.
12. **Banned Words:** Seen (except when used with a helping verb), but, butt, "yeah, but" (also known as "Yabbut"), snarkle, and any other word prohibited by any of the team teachers.

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## Presentation Options:

- I. **Interview with the Experts:** Must have at least 8 questions. They may not be a simple yes/no answer question. Cannot be a "Google-able" question. The person chosen for the interview must be an "expert" and qualified to provide answers based on product criteria. Anticipate that the Team Teachers (who are experts in their fields) may choose to ask questions. Questions and answers must be neatly written or typed.
- II. **Giant Mind Map:** Uses Mr. McGirr's "Big Paper". Must have one central idea. Follows the "no more than four" rule (no more than four branches coming from any one word). Needs to be neatly written. The map must be peppered with illustrations or drawings related to your concept.
- III. **Mural:** Uses Mr. McGirr's "Big Paper". Must contain 5 central images with related images around it. Must be colored. Must have pictures. Must **not** have been printed from a printer. Words are optional, but a title should be included. Group names should be written on the back of the mural in a permanent way.
- IV. **Cooking Show - Recipe:** Create a cooking show and the information is presented like a recipe. Good for explaining the "How" of something. Must be written neatly on a poster for showing in the hallway. Must have a list of ingredients with measurements for each. Must have numbered steps that explain how to make the recipe. Watch an episode of Julia Child's show for an example of how to set your stage. Instead of chickens you might have something more metaphorical. 1
- V. **You-Be-The-Person/Personification:** Take on the role of the person you are going to tell us about. If it is an inanimate object, create a personality with human qualities that inanimate object might have and cover at least five important life events of that person or object. Your presentation should be 3-5 minutes in length. The script must be presented to the teachers before the information is presented. It should be presented to an audience with the ability to answer questions while in character. Must have props or some form of costume.
- VI. **Book Mosaic:** You may make a book mosaic from any of the genres listed so long as you have all read the same material. You could adapt this to any other question you are looking to answer as well. See Mrs. Rutkowski for a "9 Things" paper and procure a poster board for your project. No PowerPoint. No Google Slides.
- VII. **Create a Video:** Tell your chosen topic and question to answer from the point of view of someone other than yourself and someone other than a person who works or attends Strong Middle School. The only exception is that you may be Mr. Fish. You need to dress and speak like him also when you do your video. You must answer Who, What, Why, When, To, That, and Then.
- VIII. **Other:** You come up with an idea. Must be approved by a teacher first. No, you cannot do PowerPoint or Google Slides or any variant thereof. Mr. McGirr has a list of other items you might choose from. Keep in mind that it is up to you to secure supplies and fit it into the time available for research, planning, building, and presenting. It must be creative.

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**Calendar:**

| Date:                | June 6           | June 7                               | June 8                               | June 11                  | June 12                              | June 13                  | June 14        |
|----------------------|------------------|--------------------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|----------------|
| Schedule for the Day | Launch Day!      | Project Work Day in all Team Classes | Project Work Day in all Team Classes | Project Presentation Day | Project Presentation Day             | Project Presentation Day | Team EOY Event |
| School wide Events   | Honors Day Stuff |                                      | Half Day                             | Pay to Play for Mr. Hill | High Achievers Tile Signing Ceremony | Presentation Day         | Half Day       |

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**Notes and Ideas Space:**

## Rubric

| Presentation of Project   |   |         |                          |                        |
|---|---|---------|--------------------------|------------------------|
|   | Names _____                               |         |                          | Date: _____            |
|   | Advanced                                  | Mastery | Partial Mastery          | Does Not Meet Standard |
| Reported on a topic, sequencing ideas logically.  | 4   | 3       | 2                        | I                      |
| Used appropriate facts and relevant details to support theme or topic.                  | 4   | 3       | 2                        | I                      |
| Spoke clearly at an understandable pace.  | 4   | 3       | 2                        | I                      |
| Included multimedia components and/or visual displays in presentation when appropriate. | 4   | 3       | 2                        | I                      |
| Materials and students were both prepared on the project due date.                      | 4   | 3       | 2                        | I                      |
|   |   |         | Total Points: _____ / 20 | Grade: _____           |
| Day 1   | Genius Week In-Class Work Sessions: Score |         |                          |                        |
|   | Advanced                                  | Mastery | Partial Mastery          | Does Not Meet Standard |
| Reported on a topic, sequencing ideas logically.  | 4   | 3       | 2                        | I                      |
| Used appropriate facts and relevant details to support theme or topic.                  | 4   | 3       | 2                        | I                      |
| Spoke clearly at an understandable pace.  | 4   | 3       | 2                        | I                      |
| Included multimedia components and/or visual displays in presentation when appropriate. | 4   | 3       | 2                        | I                      |
| Materials and students were both prepared on the project due date.                      | 4   | 3       | 2                        | I                      |

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**Genius Week Peer Evaluation Form**

Write the name of each of your group members in a separate column. For each person, indicate the extent to which you agree with the statement on the left, using a scale of 1 to 4 (1=strongly disagree; 2=disagree; 3=agree; 4=strongly agree). Total the numbers in each column.

| Evaluation Criteria:  | Name:             | Name:             | Name:             | Name:             |
|---|-------------------|-------------------|-------------------|-------------------|
|   | _____             | _____             | _____             | _____             |
|   | _____             | _____             | _____             | _____             |
| <b>Attended Group Meetings Regularly.</b>                       | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> |
|   | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> |
| <b>Contributes quality work.</b>                                | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> |
|   | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> |
| <b>Demonstrates a Cooperative &amp; Supportive Attitude.</b>    | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> |
|   | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> |
| <b>Contributes significantly to the success of the project.</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> | <b>1</b> <b>2</b> |
|   | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> | <b>3</b> <b>4</b> |
| <b>Totals</b>   |                   |                   |                   |                   |

Comments or anything you feel the teachers should know:

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