

Central Middle School

Science Research Application: **Teacher Recommendation Form**

Student Name \_\_\_\_\_ Teacher Name \_\_\_\_\_

Current School \_\_\_\_\_ Subject Taught \_\_\_\_\_

Science Research: An independent study course that requires students to create their own question, hypothesis, and experiment using research and adult experts to help guide them. Through the course of the program students will be reliant mostly on themselves to gather information and learn concepts in the field they have chosen to study. The teacher in the room is a facilitator in research strategy, writing strategy, and science knowledge. Students wishing to apply to this program will need to be highly independent, self-driven, and passionate about science with a healthy dose of curiosity and creativity.

This questionnaire is confidential. Please answer the questions about the above student to the best of your knowledge. A rating of 5 is the highest, and a rating of 1 is the lowest.

This student is responsible and reliable for meeting deadlines and completing work.	1	2	3	4	5
This student works well independently and feels comfortable asking for help when needed.	1	2	3	4	5
This student is highly motivated with a positive attitude about learning.	1	2	3	4	5
This student shows exceptional ability in science, math, and/or computer knowledge.	1	2	3	4	5
This student is very thorough and detailed with assignments, and takes pride in the work that he/she turns in.	1	2	3	4	5
This student has behavior that is conducive to learning and gets along well with others.	1	2	3	4	5

Please provide a list of any strengths or weaknesses of this student:

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Do you feel that this student would be successful in a science research class?

Yes	No	Yes, with reservations	Not sure
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Please place this in the school courier to Kimberly Figueroa at Central Middle School  
OR scan and e-mail to [Figueroa.kimberly@brevardschools.org](mailto:Figueroa.kimberly@brevardschools.org) by March 30th. Thank you for your time!

## Central Middle School Science Research Application: **Student Form**

Science Research: An independent study course that requires students to create their own question, hypothesis, and experiment using research and adult experts to help guide them. Through the course of the program students will be reliant mostly on themselves to gather information and learn concepts in the field they have chosen to study. The teacher in the room is a facilitator in research strategy, writing strategy, and science knowledge. Students wishing to apply to this program will need to be highly independent, self-driven, and passionate about science with a healthy dose of curiosity and creativity.

Student name \_\_\_\_\_ Current School \_\_\_\_\_

Phone Number \_\_\_\_\_ E-mail \_\_\_\_\_

**Please rate yourself in the following categories.** A rating of 5 is the highest, and a rating of 1 is the lowest.  
Circle your answer.

I am responsible and reliable for meeting deadlines and completing work.	1	2	3	4	5
I work well independently and feel comfortable asking for help when needed.	1	2	3	4	5
I am highly motivated with a positive attitude about learning.	1	2	3	4	5
I have a strong ability in science, math, and/or computer knowledge.	1	2	3	4	5
I am very thorough and detailed with assignments, and take pride in the work that I turn in.	1	2	3	4	5
My behavior is conducive to learning, and I get along well with others.	1	2	3	4	5

**Which of the following topics interest you? Number them from most interested (1), to least interested (12).**

Psychology	Health & Medicine	Physics
Astronomy	Engineering	Computer Science
Environmental	Animal Science	Mathematics
Earth Science	Microbiology	Chemistry

On a separate sheet of paper, please type a 300 to 500-word essay (1 page) about yourself. The questions below provide a guide as to the kind of information we would like to know. Turn in to CMS by March 30<sup>th</sup>. Guiding Questions:

1. What science projects have you done in the past, and/or what type of project would you like to do at Central Middle School?
2. What are your college and/or career goals?
3. What are your hobbies and interests?
4. What are your strengths and weaknesses?
5. Why are you a good fit for the Science Research Class at Central Middle School?

On a separate sheet of paper, please type a 500 minimum word **research essay (1 page)** about one of the following topics. Include your research in a work cited list at the bottom of the page. Turn in to CMS by March 30<sup>th</sup>.

- Will researchers really be able to use genetics to help us live both longer and healthier?
- How do sunspots affect us on earth?
- How are insects being used as models for miniature robots?
- What is nanotechnology for medical use?
- Create a question and hypothesis on a topic that interests you and research the answer. \*This topic should be complex and well researched if you are using this option.

Central Middle School  
 Science Research Application: **Parent Recommendation Form**

Science Research: An independent study course that requires students to create their own question, hypothesis, and experiment using research and adult experts to help guide them. Through the course of the program students will be reliant mostly on themselves to gather information and learn concepts in the field they have chosen to study. The teacher in the room is a facilitator in research strategy, writing strategy, and science knowledge. Students wishing to apply to this program will need to be highly independent, self-driven, and passionate about science with a healthy dose of curiosity and creativity.

Student Name \_\_\_\_\_ Parent Name \_\_\_\_\_

Phone Number \_\_\_\_\_ E-mail \_\_\_\_\_

**This questionnaire is confidential.** Please answer the questions about the above student to the best of your knowledge. A rating of 5 is the highest, and a rating of 1 is the lowest.

This student is responsible and reliable for meeting deadlines and completing work.	1	2	3	4	5
This student works well independently and feels comfortable asking for help when needed.	1	2	3	4	5
This student is highly motivated with a positive attitude about learning.	1	2	3	4	5
This student shows exceptional ability in science, math, and/or computer knowledge.	1	2	3	4	5
This student is very thorough and detailed with assignments, and takes pride in the work that he/she turns in.	1	2	3	4	5
This student has behavior that is conducive to learning and gets along well with others.	1	2	3	4	5

**This next section will NOT prevent students from being selected if they meet academic necessities but will give the teacher a better understanding of how much support a student will require and if there are limitations to student participation that need to be addressed or alternative arrangements to make prior to the year and events.** Arrangements can always be made with parents and the teacher and are heartily encouraged by said teacher to allow the maximum experience for our students.

This course will require some parent dedication as well as student independence. Parents will be required to pick up students from multiple events through the year: informational sessions, practice sessions, and in some instances, experiments will require parents to be involved in the development or procedures. Though mostly student driven the adult supervision could potentially fall on the parent. All students are required to attend fair and support their teammates as well as award ceremonies to practice and show their sportsmanship. Transportation will fall heavily on parents when the time comes, though notice will be sent home well in advance so proper arrangements can be made.

Knowing this please fill out the questionnaire below to indicate availability. A rating of 5 is the highest, and a rating of 1 is the lowest.

Ability to pick up students early in the morning	1	2	3	4	5
Ability to pick up students after school hours	1	2	3	4	5
Ability to pick up students on the weekend	1	2	3	4	5
Ability to drop off students early in the morning	1	2	3	4	5
Ability to drop off students after school hours	1	2	3	4	5
Ability to drop off students on the weekend	1	2	3	4	5
Availability as a volunteer	1	2	3	4	5
Willingness to carpool	1	2	3	4	5
Willingness to make alternative arrangements with teacher should issues arise/dates prove troublesome	1	2	3	4	5
Ability to observe student experiment should it require an adult present outside of school hours	1	2	3	4	5

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