



# CARMEL SCIENCE RESEARCH

## *Recruiting Young Scientists!!*

### Benefits

- Earn up to 12 college credits and build your resume
- Gain confidence working with professional researchers
- Master skills in public speaking, writing, communication and time management
- Become a part of the supportive Science Research “Family”
- Follow your passions!

### Research Topics Include

- Animals and Plant Sciences
- Behavioral and Social Sciences
- Biochemistry
- Computer Science
- Engineering
- Environmental Science
- Medicine & Health Science
- Microbiology
- Physics and Astronomy
- Cellular and Molecular Biology

### Are you a freshmen and interested in a class...

- Where grades are based on effort and are no tests?
- Where you choose what you study?
- That is challenging and demands your best?
- That requires the use of computer skills?
- Is worth honors credit?
- That may help you win state and national science competitions and scholarships?
- That will help you get accepted to competitive colleges?
- Unlike any class you have ever taken?

### Are you the type of student that...

- Has an exceptional work ethic?
- Does your best when personally challenged?
- Is curious, enthusiastic and through?
- Aspires to do great things?
- Has a passionate interest to study something school does not offer?

## What is Science Research?

- Science Research is a three-year program that is able to balance instruction in the high school with a mentorship experience over the course of the student's high school career starting in the 10<sup>th</sup> grade through senior year
- Affiliated with the University of Albany
- Graduates have reported that their experiences has given them an edge in college in terms of acceptance rates as well as preparedness
- For further information, visit our website at <http://bit.ly/2ekByc4>

### By participating in Science Research, students accomplish the following:

- Choose and explore a topic of interest
- Develop skills in using the internet, and learn to conduct searches of a wide range of databases
- Find and study professional research publications related to their topic of interest and formally present these articles to audiences
- Prepare a statement of original intended research
- Ask a scientist or researcher to serve as a mentor and assist student in carrying out a research project
- Design and conduct a research investigation under the supervision of a scientist mentor and the research course teacher
- Present their findings to their class, school district and at regional and statewide competitions

### Carmel Science Research Symposium

- Join us for the Carmel Symposium on Thursday, May 16<sup>th</sup> from 6:30 – 8:30 pm in the CHS Library!

### Competitions & Mentorships we participate in (and win!)

- Regeneron Science Talent Search
- Junior Science and Humanities Symposium
- Westchester Science and Engineering Fair
- Tri-County Science Fair
- Somers Science Symposium
- Mianus River Gorge Wildlife Technician Program
- 1000 Girls, 1000 Futures

### How to Apply

- Tell your guidance counselor you are interested in science research
- Complete the Science Research Application (can be obtained from a science teacher, guidance counselor, at <http://bit.ly/2ekByc4>)
- Application must be submitted by Wednesday, April 24<sup>th</sup>
- If accepted, you will receive a letter in the mail
- We are located in room 201, feel free to stop by! 😊