

Selecting RP Category

1. Biological Sciences Focus Area/Major
 - Research area must be in a Biology area (e.g. Behavioral Science, Botany, Environmental Science, Medicine & Health, Microbiology, Zoology, etc)
 - Requirement: AP Biology
2. Physical Sciences Focus Area/Major
 - Research area must be in a Physical Science-related area (e.g. chemistry, physics, astronomy, math, engineering, computer science, etc)
 - Requirement: AT least one of the following: AP Chemistry, AP Physics C, AP Computer Science, Bio-organic Chemistry
3. Pre-Engineering Technologies Focus Area/Major
 - Research area must be in an engineering area
 - Project could be developed as a scientific experiment with a hypothesis or as a “design and development” project
 - Requirement: One of the following systems classes: Energy, Electronics, Productions, Structural AND either AP Chemistry or AP Physics C
4. Science-Engineering Exploration Focus Area/Major
 - Research area is dependent upon Advanced Science/Tech Courses taken in grades 10-12
 - Biology project: Requirement is AP Biology
 - Engineering-type project: Requirement is systems class or AP Physics C
 - Physics project: Requirement is AP Physics C
 - Computer Science Project: Requirement is AP Computer Science C and previous computer science course or proof of mastery of a computer programming language

Special Programs

1. Internship
 - Applications due in early December; Panel will meet in December
 - Mrs. Donoghue will notify students of acceptance decision.
 - Students are on site a minimum of 2 hours 45 minutes each day (Tuesdays- Fridays)
 - Students meet with their RP Teacher and Internship Coordinator or Mondays
 - There are two sections for Internship:
 1. AM – Classes are scheduled Periods 5-8
 2. PM – Classes are scheduled Periods 1-4
2. WISP
 - Application process coordinated by Mr. Hendley
 - Environmental Study based on water testing
 - Students work in group and select various sites to use for research
 - Training is conducted in May or June
 - Student must conduct research over the summer
3. Forestry
 - Selection process coordinated through Ms. Brosnan
 - Students work as group
 - Training in May and/or June
 - Students must collect over 50% of data during the summer