**Research and Development**

Instructor: Ms. Cameron

Room: 116

Email: lcameron@yonkerspublicschools,org

Course Description: This course may be taken for one unit toward elective credit and as a requirement toward graduation from the Science Research Academy. This course provides students with an opportunity to understand and apply scientific concepts, principles, and theories pertaining to scientific research and development. In addition, students will use mathematical analysis, scientific inquiry, problem solving and research in order to understand and apply the themes that connect mathematics, science and technology and to solve real life problems. The course will focus on six basic process skills that form the foundation for the scientific method: OBSERVATION, COMMUNICATION, CLASSIFICATION, MEASUREMENT, INFERENCE, and PREDICTION

*Virtual Learning Expectations*

* *All students will log into Microsoft Teams each day and participate*
* *Class materials, assignments and homework will be posted in Teams*
* *My Teacher Page has links to join your Microsoft Teams class*
* *Any additional online platforms that will be used in class can be accessed through CLEVER*

**GRADING:**

Class Participation/ Classwork (50%)

Projects (30%)

Test/Quizzes ( 20%)

Materials

A device with internet access such as a computer, tablet or smartphone

Access to Microsoft 365/Microsoft Teams through Clever or download the app.