

CMS Class of 2030 Welcome Letter

The faculty of the Center for Medical Sciences at Godwin High School welcomes the class of **2030**! In this folder you will find information about your summer assignments and information about Godwin and what it has to offer. Be sure to keep up with your summer assignments and know what you must bring on the first day of school for your science, math, and English classes. Center summer assignments can be accessed through the CMS website <https://medicalsciences.henricoschools.us/>

Things to have completed over the summer:

- E-mail Mrs. Ostrom your completed “Freshmen Summer Research Ideas” sheet by 9:00 am on **June 11, 2025**. This is an opportunity to help students generate a research idea and get the process started. Final approval **MUST** come from the student’s medical biology and scientific research teacher in the first month of school. kaostrom@henrico.k12.va.us
- Sign up for a ten-minute meeting (**July 21, 22, 28 or 29**) with Mrs. Ostrom to review your ideas. If you are unable to attend in person due to traveling, you can have a virtual meeting for the time slot you sign up for, just put VIRTUAL after your name and the link can be found on the center website. <https://www.signupgenius.com/go/10c0948abaf2ca4f5c25-research#/>

Things to bring the first day of school:

Medical Biology:

- Composition Notebook - with divided sections including Bryson summer work
 - Notes on the assigned chapters from the Bryson book (word processed and printed/glued OR neatly hand written)
 - List of Vocabulary Terms from the Bryson Reading (word processed and printed/glued OR neatly hand written)
 - Summary of one of the chapters in the Bryson book that was not in the assigned reading (word processed and printed/glued OR neatly hand written)
- A printed copy of the “Freshmen Summer Research Ideas” that was emailed to Mrs. Ostrom in June

Research Analytics-Geometry, Algebra II or AP- Pre-calculus:

- math problem packet
- TI 83 or TI 84 (Not needed until after winter break for Algebra II)

Although not needed for the first day of school, there are supplies that will be needed for the science and tools class. Students will need:

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| - A four function calculator- not graphing | - a pack of colored pencils |
| - A 1-ft ruler that has both the standard and metric system | - a black sharpie marker |
| - A roll of paper towels (to be kept in the classroom) | - a box of tissues (to be kept in the classroom) |
| - A glue stick (to be kept in the classroom) | - a gallon jug of distilled water |

Tentative Dates for Research Paper

Welcome to the Center for Medical Sciences of Henrico County at Godwin High School. Being a student at CMS has many opportunities and demands. An integral part of the CMS experience is writing an individual, unique research paper. This research project will take up much of your time in the first semester of school. The schedule below shows the deadlines for the components of the research project. An approximate date is given for each of the components- it is at the teacher's discretion as to when the component is due.

Tentative Date	Grade	Component Due
September	Q CW HW	Topics with Experimental Design Diagram (EDD) Background Research on Experiment Metro Richmond STEM Fair Forms including Research plan
October	Q T Q Q HW	First Literature Review Procedure Order supplies for project Second Literature Review Lab Use Agreement Due for any student working in the lab. Third Literature Review Fourth Scientific Article (not a full lit review- to be explained)
November	HW T	Fifth Scientific Article (not a full lit review- to be explained) Introduction
December	T Q	Results, Raw data, Statistics & Analysis Research Notebook
January	T (2) HW CW	Final Paper (includes abstract, conclusion, charts, graphs, literature cited, and revised introduction, results, experimental design and procedure) Binder *Register for MRSF
February	CW T	*Register for VJAS Tri Fold Board or method of presentation for Metro
March	 Q	Metro Richmond STEM Fair PowerPoint Presentation or method of presentation for VJAS
May		VJAS

*Choose one

Science Competitions

In addition to a mandatory research project and paper, ALL freshman students are required to apply to a STEM fair - either MRSEF or VJAS. Metro Richmond Science Engineering Fair is a local competition held at VCU one Saturday in March. Virginia Junior Academy of Science is held at a Virginia college one Saturday in May. Students must provide their own transportation/lodging for attending STEM fairs. Students are more than welcome to enter both MRSEF and VJAS - we enjoy seeing a student excited about research and sharing it with the scientific community.

We look forward to having you in our class and teaching you science. If you have any questions or concerns, please contact one of the center freshmen teachers (Mrs. Samantha Cope or Mrs. Kelly Ostrom).