June 2021

Dear Parents and Students of the Class of 2025,

 First of all, welcome to Henrico High School! I am so excited to meet all of you and look forward to seeing you in my Geometry class in September. One of the big differences between Geometry and other math courses you have taken is the use and importance of vocabulary. We will start the year off using this vocabulary and notation, which you should have seen before. Therefore, the following is presumed knowledge for the first day of school. You are expected to know the terms listed below (definitions), what they look like (p), and symbols used to represent them (s). Those that require figures and/or symbols have (p) or (s) beside them. You will be assessed on this knowledge the second week of school.

Terms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Acute angle (p) | Adjacent angles (p) | Angle (p, s) | Angle bisector (p) | Between (p) |
| Bisect (p) | Collinear (p) | Complementary angles (p) | Congruent (s) | Coplanar (p) |
| Degree (s) | Exterior of an angle (p) | Interior of an angle (p) | Intersection (p) | Line (p, s) |
| Linear pair (p) | Measure (of an angle)  | Measure (of a segment) | Midpoint (p) | Non-collinear (p) |
| Non-coplanar (p) | Obtuse angle (p) | Opposite rays (p) | Parallel lines (p, s) | Perpendicular lines (p, s) |
| Plane (p, s) | Point (p, s) | Postulate | Proof | Ray (p, s) |
| Right angle (p) | Segment (p, s) | Segment bisector (p) | Straight angle (p) | Supplementary angles (p) |
| Theorem | Vertex of an angle (p) | Vertical angles (p) |  |  |

Some online resources that may be helpful in finding these definitions are:

<http://www.virtualnerd.com/geometry/all>

<http://www.mathopenref.com/planegeometry.html>

<http://www.mathsisfun.com/geometry/>

<http://www.classzone.com/cz/books/geometry_2011_na/get_chapter_group.htm?cin=1&ci=1&rg=games_and_activities&at=math_Vocabulary_flipcards&var=math_vocabulary_flipcards>

If you have questions or need to get in touch with me, feel free to email me at nfnelson@henrico.k12.va.us . I try to check my email each day, but since it is summer it may take me a couple of days.

See you in September!

Ms. Nelson

Geometry Supply List for 2021-22

After talking with my previous students along with some reflection on past experiences, I have come up with the following supply list for MYP Geometry. If you have questions about any of these, please feel free to contact me. Since we do not use a textbook, having a notebook and folder exclusive to this class are imperative.

* Binder or spiral notebook for ONLY geometry
* 1 pack of colored pencils, markers, and/or highlighters
* 1 compass
* 1 ruler
* 1 small pack/pad of graph paper
* Loose leaf paper
* Folder for worksheets, tests, and other loose papers
* Pencils
* Pack of dry erase markers (small markers for individual dry erase boards)
* Box of tissues
* Index cards
* Optional: TI-84 PLUS calculator (we have a class set, so its not a requirement)

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