

Dear Student,

I am excited to write to you about your first year at IB East Haines City. I will be your Pre-IB Geometry teacher. Together, we will explore the world of shapes and problem solving. It will be challenging and rewarding if you are willing to work hard and if you are disciplined. In order to help you be successful, I have included a packet of work covering topics you should have already mastered in Algebra this past year. It is my expectation that you will be able to use these skills in Pre-IB Geometry without any reinstruction. **The first full day of classes, you will be taking a test on this material to ensure your mastery of the topics. There will be no review of the material, so be ready!** The topics to be mastered are:

- solving linear equations
- solving systems of equations
- simplifying radicals
- solving quadratic equations

Each section includes some brief instruction along with problems. The packet assignment should show your work on a separate paper with checks of answers. Each section should start on a new piece of paper. The assignment should be stapled together and **not** include the packet. It will be collected on the first day of class. It is not a short assignment. We encourage you to work with your fellow students on this assignment. On the back of this letter, you will find a coversheet for your summer assignment along with a checklist. Once the assignment and the checklist are completed, you and your parents/guardians should sign this coversheet and attach it to your assignment as the first page.

This is the list of supplies that you are expected to have on that first day of the school.

FOR CLASS WORK

Pencils
Colored Pencils
Loose leaf paper

FOR HOMEWORK (these supplies stay at home)

Graph Paper
Mini Protractor (can be purchased from the teacher for 25¢)
Ruler
Compass

If you have any questions, please feel free to email Mrs. Smith-Wallace at joy.smith-wallace@polk-fl.net.

I am truly excited about next year. I am going to stretch your brain. I enjoy Geometry and hope that you will too. Have a great summer and see you in August!

Mrs. Smith-Wallace

Summer 2020

2020 Pre-IB Geometry Checklist

Name _____

Teacher _____ Period ____

Summer Assignment:

Sections	Labeled Section	Work Shown	Answers Checked	Section Done
1. Solving Linear Equations				
2. Solving Systems of Equations by Linear Combination (Elimination)				
3. Solving Systems of Equations by Substitution				
4. Simplifying Radicals			skip	
5. Solving Quadratic Equations by the Quadratic Formula				
6. Solving Quadratic Equations by Factoring ($a = 1$)				
7. Solving Quadratic Equations by Factoring ($a \neq 1$)				
8. Solving Special Cases of Quadratic Equations				

Test Preparation – practice tests available online. (optional – you do not need to complete):

Practice Test	Strong Areas	Weak Areas
Practice Test 1		
Practice Test 2		

Supplies:

FOR CLASS

- Pencils
- Colored Pencils
- Loose leaf paper

FOR HOME

- Graph Paper
- Ruler
- Compass

Assignment Completed

Signatures:

X _____ Student

X _____ Parent/Guardian

Summer 2020