



December 20th, 2019

Dear Parent/Guardian,

Your child has nearly completed half of his or her freshman year of high school. Because your child's sophomore year includes college courses, he or she will be required to complete the following Winter Break Algebra I work; which includes **10 IXL Assignments and a Final Exam Review for Chapters 1 and 2**. This will enhance his or her college readiness skills for mathematics and help prepare for the end-of-the semester Final Exam in January.

As part of the Winter Break work, your child will be required to complete:

1. **ALL** of the math problems within Chapters 1 & 2 Final Review. The student **MUST** show his or her work for credit. Do **NOT** leave any problems blank.
2. The following online IXL assignments (**8th grade benchmarks – NOT 9TH GRADE**) reaching a **Smart Score of 90**:
 - **W.9 Solve multi-step equations**
 - **W.15 Find the number of solutions**
 - **X.1 Solutions to inequalities**
 - **X.8 Solve multi-step inequalities**
 - **Y.2 Find the slope from two points**
 - **Y.5 Graph a line using slope**
 - **Y.10 Write a linear equation from two points**
 - **Y.11 Convert a linear equation in standard form to slope-intercept form**
 - **Z.1 Identify functions**
 - **Z.7 Evaluate a linear function**

If your child struggles with the math concepts, he or she can email me, Mr. Hussein, at husseih1@dearbornschools.org or contact me through Remind.

The due date for the Winter Break work is: **Monday, January 6th, 2020**, which is the day students get back from break. **However, the IXL assignments will be due by Sunday, January 5th, 2020 @ 6pm!**

Please encourage your child to work throughout the break and not wait until the end to begin working.

Thank you for taking the time to help improve your child's mathematics skills. If you have any questions or concerns, please feel free to contact me at the email above.

Sincerely,

Hussein Hussein

(please remove this letter before turning in work)