Routines and Expectations: Assessment
Bronx Early College Academy

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2022-2023

1.8 Assessment results, 28 September

LT: How do we measure our efforts and results?
CCSS: HSG.CO.A.1 Know precise geometric definitions   1.8 Wednesday 28 September

Do Now: Self-assessments questions

1. How do we work efficiently and become a good scholar
2. What should we know and be able to do

Jumprope, Mastery, Standards
Exit Note Quiz

Jumprope is our online system for grades

Use your @nycstudents.net login at https://www.jumpro.pe

Grades are from one to four

Mastery Grades

1. Well below expectations	2. Approaching	3. Meets	4. Exceeds
Many missing or incorrect	Somewhat correct	Detailed, correct	Attempt challenges

1.7 Exit Note Quiz *standards*

i.e. Skills or math topics, "We hold ourselves to high standards"

One grade in Jumprope for each

1. HSG.MG.A.1 Use geometric shapes, their measures, and their properties to describe objects

   On problems 1 - 7 did you demonstrate mastery?
   (1: No, 2: Partly, 3: Largely)

2. HSA.CED.A.1 Create equations in one variable and use them to solve problems.

   Problem 8: $7x - 12 = 3x$
   (2: Incorrect, 3: Correct)

3. 8.EE.C.7 Solve linear equations in one variable.

   Problem 8: Solved as $x = 3$
   (2: Incorrect, 3: Correct)

1.7 (Spicy) Extension Quiz, take home

Challenge problems are for students who like to work hard in math and earn an *A*

HSA.CED.A.1

Create equations in one variable and use them to solve problems.

1. Largely correct, score 4
2. Somewhat correct, score 3

   Complete corrections to earn a 4 (required)

Productive struggle is key to learning

"Struggling in mathematics is not the enemy any more than sweating is in basketball, it's a clear sign you are in the game." - Kim Sutton

1.12 Unit Test: Mastery standards and criteria

1: None, 2: Partly, 3: Largely (Earn a 4 by completing the spicy take-home test)

$\#1$ - 3 HSG.MG.A.1 Use geometric shapes, their measures, and their properties to describe objects

On problem 1, did you subtract to obtain length?

$\#4$ - 8 GPE.B.7 Compute perimeters and areas of triangles and rectangles.

Are the formulas in your notebook? (Notice especially that triangle area is $\frac{1}{2}$ of base times height)

$\#9$ - 11 HSN.Q.A.3 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.

Can you find the formula for % error in your notes?

$\#12$ - 14 HSA.CED.A.1 Create equations in one variable and use them to solve problems.

$\#14$ starts with: $(2x + 4) + (x + 3) = 22$

Professionalism standard: Complete problem sets

"Doing your work" is how math skills and knowledge are developed.

Responsibility: Hands in assignments on time. Takes initiative to make up missing or absentee work. Meets deadlines and follows up when they are unable to meet a deadline. Is a positive model for academic success.

Mastery Grade

1. Well below expectations	2. Approaching	3. Meets	4. Exceeds
Minimal effort	Some work	Most work	Spicy

Satisfactory completion of an assignment requires *effort*, but not perfection. (a score of 65% is usually sufficient) Solutions are posted online. Check your answers and ask in class if you still do not understand.

Professionalism: Taking notes

Writing mathematics helps you learn and gives you notes to study.

Students said taking notes in a notebook was the most important practice for successful learning 87.7%.

Notebook Grade

1. Well below expectations	2. Approaching	3. Meets	4. Exceeds
Missing several notes	Largely complete	Detailed, complete	Detailed, complete, neat & organized
	1.6 Notebook "treasure hunt"		

Notebook credit

Mastery grades 1 to 4
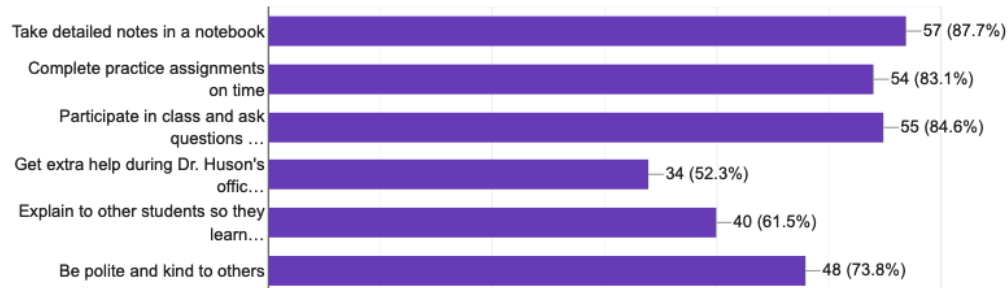
Take organized notes and study them for the test Friday

1. Well below: Few notes or no notebook
2. Approaching expectations: Many pages of notes in a composition book. Missing several formulas and definitions.
3. Proficient: Well organized composition book with most or all formulas and terminology easy to locate.
4. Extending: Assesses peers and gives constructive feedback.

Professionalism assessment

1: Well below, 2: Approaching, 3: Meets expectations, 4: Exceeds

1) How can you demonstrate that you are a good student? What practices contribute to learning? ("Scholarship")
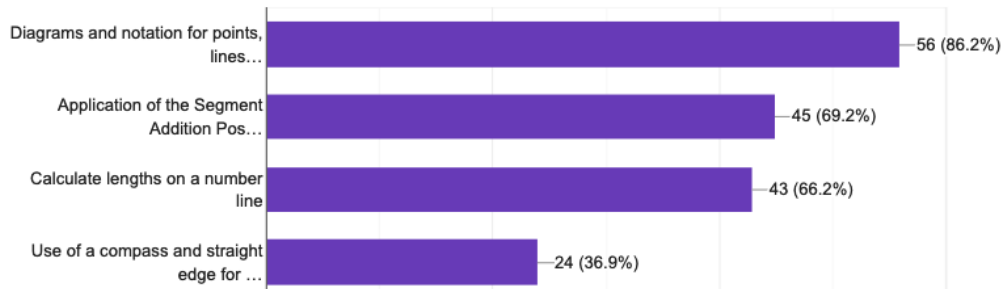
65 responses

1. Participate: Attendance (Google Classroom), Classkick
2. Practice assignments: Khan Academy, Deltamath, 1.5 worksheet
3. Detailed notes: Notebook treasure hunt uploads (weekend)

What do I know, what can I do assessment

1: Well below, 2: Approaching, 3: Meets expectations, 4: Exceeds

2) How can you demonstrate your geometry knowledge and skills? What have we learned so far?

65 responses

Diagrams and notation for points, lines…	56 (86.2%)
Application of the Segment Addition Pos…	45 (69.2%)
Calculate lengths on a number line	43 (66.2%)
Use of a compass and straight edge for …	24 (36.9%)

1. Classkick (open book, timed; use @beca324.org login):
   Diagrams & notation, segment addition, number line lengths
2. Project: Construction of an equilateral triangle

Professionalism: Participation in class

Participation with classmates in the lessons conducted by the teacher is one of the primary inputs to learning.

Among Geometry students, 84.6% considered it important.

Participation Grade

1. Well below expectations	2. Approaching	3. Meets	4. Exceeds
< 75%	75+%	100%	

based on 11 assignments in Google Classroom (no late penalty)

You must also load Genuis Scan and register in *Classkick* as a portfolio user, or lose one level