Student Achievement

Achievement Task Force

School Board Work Session

Monday, April 3, 2023

Presented by

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Angela Whelan, Assistant Principal, HHHS

Kevin Kerrigan, Teacher and Math Department Chair, HHHS

Agenda

- Review of Achievement
  Task Force Goals and Structure
- Teacher Perspective- Algebra
- Next Steps

Achievement Task Force Goals

- Commitment to *learning* as our fundamental purpose.
- Meet the learning objectives in the Comprehensive Plan.
- Address discrepancies in student achievement.
- Establish practices and implement strategies that are research-based and measurable.
- Ensure students engage in academically rigorous curriculum.
- Establish an ongoing and sustainable response to student learning.

Task Force Teams

ELA: 3rd, 6th, 10th
Math: 5th, 7th, High School Algebra

Frequency of Meetings: Once a Month

Meeting Objectives: Look at current practices through the lens of curriculum, assessment, and instructional strategies.

Participants Working Alongside Teachers

10TH GRADE ELA	HS ALGEBRA
Dr. Sue King Dr. Ryan Thomas Mr. John Zuk Mrs. Sarah Berman	Dr. Sue King Dr. Ryan Thomas Mr. John Zuk Mrs. Angela Whelan
6TH GRADE ELA	**7TH GRADE MATH**
Dr. Sue King Dr. Ryan Thomas Mrs. Jo Ellen Paldino Mrs. Veronica Alegado	Dr. Sue King Dr. Ryan Thomas Mrs. Jo Ellen Paldino Mrs. Kai Coleman
3RD GRADE ELA	**5TH GRADE MATH**
Dr. Sue King Dr. Ryan Thomas Mrs. Meredith Kane-Sokol Mrs. Tameeka Synnesdvedt	Dr. Sue King Dr. Ryan Thomas Mrs. Christine Jenkins

Teacher Clarity:
Learning Intentions and Success Criteria

The degree to which students and teachers understand:

Learning Intentions- a statement that describes what students should know, understand, or be able to do as a result of a lesson or unit of study.

Success Criteria- specific indicators that students and teachers use to assess their learning and progress toward the learning intention.

Achievement Task Force

Teacher Perspective- Algebra

Focus on student learning and successes/needs through reflection

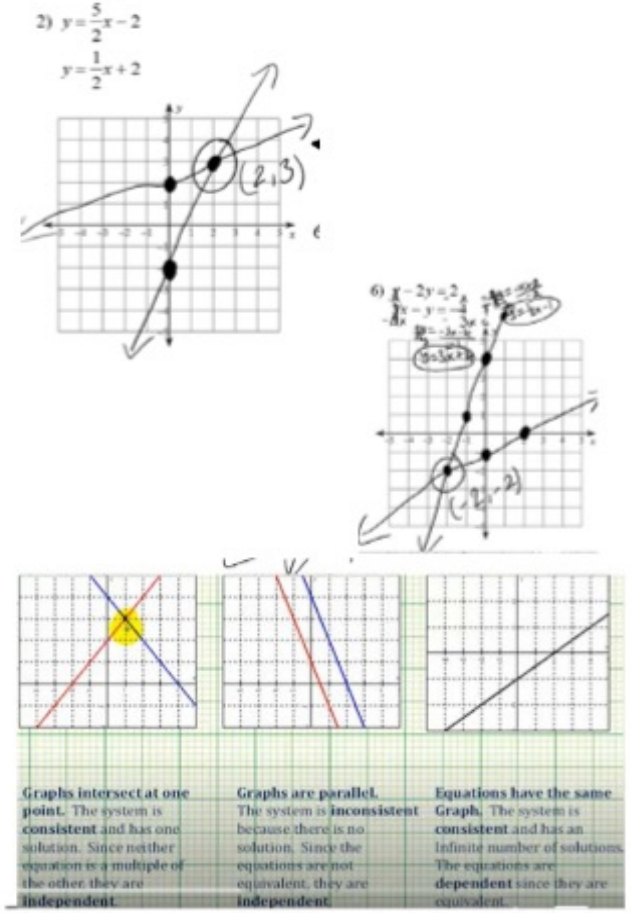
Curriculum driven with a student lens

Collaboration on best practices, student activities, student data

Student Clarity

- By sharing **Learning Intentions & Success Criteria**, students have a clear understanding of what they are learning.
- Shift in Pedagogy & Language:
  - Focus on *Learners* instead of *Teachers*.
  - Students saying, “I can..” vs teachers saying, “Students will be able to…”
- Unit Study Guide to support students in self-identifying areas of need and building confidence.

Learning Intention: In this unit I will Learn to solve systems of Linear Equations using various methods.

Key words/Definitions	Examples	Success Criteria
Solving Systems of Linear Equations Using Graphing Method		I can graph a system of linear equations when the equations are in: ✓ Slope Intercept Form ✓ Standard Form I can look at the graph of a system of linear equations and: ✓ Identify if there is one solution, no solution, or infinitely many solutions.

Solving Systems of Linear Equations by Substitution Method

I can:

_____ Identify when it is ideal to use the substitution method to solve a system of linear equations. (Ask during learn if I have to use substitution if I prefer elimination)

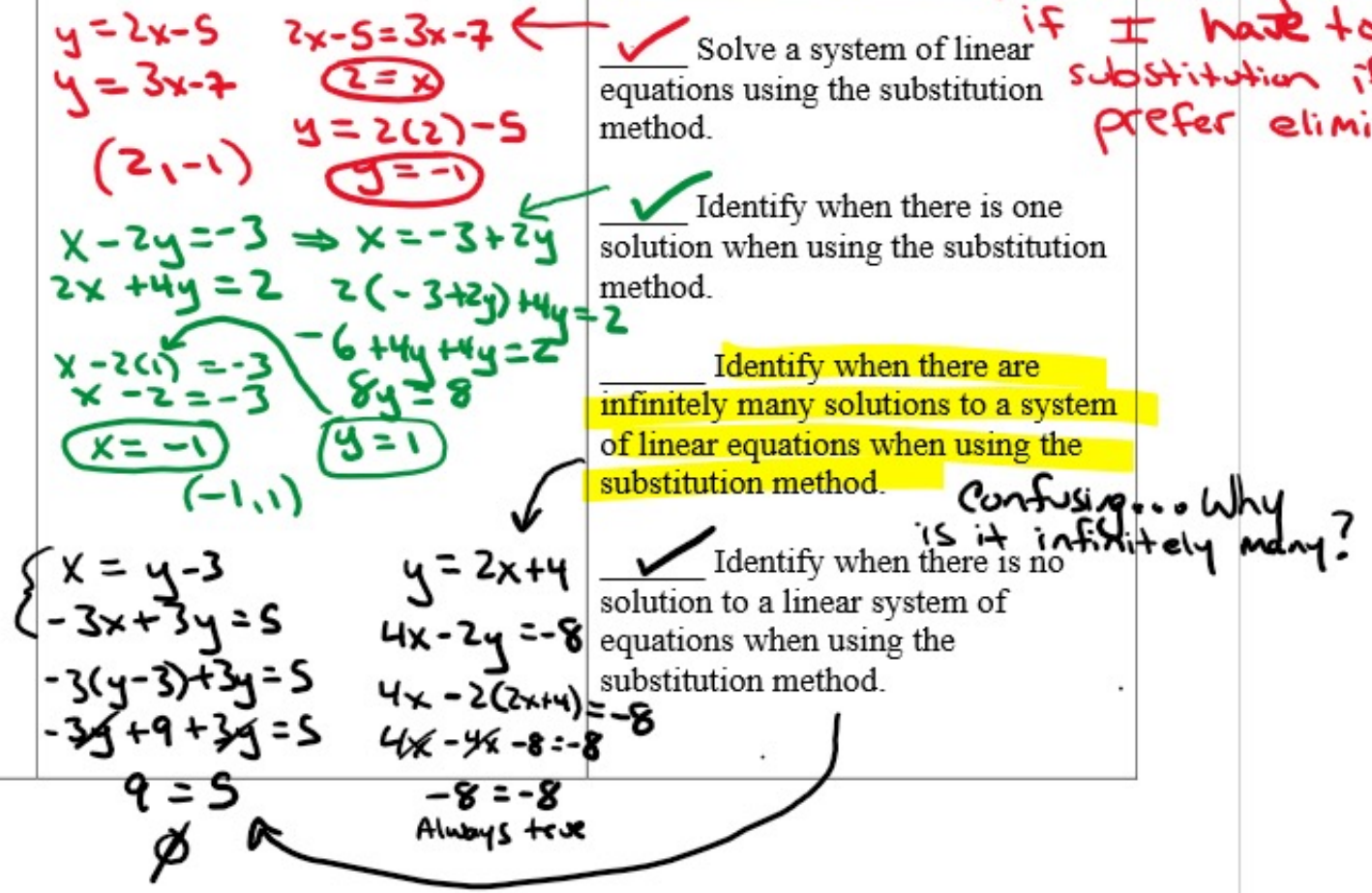
_____ Solve a system of linear equations using the substitution method.

_____ Identify when there is one solution when using the substitution method.

_____ Identify when there are infinitely many solutions to a system of linear equations when using the substitution method.

Confusing... Why is it infinitely many?

_____ Identify when there is no solution to a linear system of equations when using the substitution method.



Biggest Takeaways as a Result of the Achievement Task Force

- Strong, collaborative teacher team with a clear vision.
- Students feel successful and comfortable in math class & in working with various math teachers.
- Students are confidently engaging in mathematical conversations and using math terminology.
- Evidence of student learning, applying, and enjoying math.

Achievement Task Force- Next Steps

- Continue working with task force teams through the end of the year.
- Reflect upon and assess the progress of each of the focus areas. Gather teacher input.
- Analyze student achievement data to make informed decisions about the continued task force work.
- Report achievement data in the fall.

Timeline: Future Reporting on Achievement & Growth

Curriculum Committee Meetings:

- Tuesday, November 15, 2022 ✓
- Tuesday, May 23, 2023

Board Work Sessions:

- Monday, October 3, 2022 ✓
- Monday, April 3, 2023 ✓