



***New Haven Public Schools
Reading and Mathematics Plan
2022-2023***

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Instruction, and Assessment***

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Core Values

We believe...

- 1 Equitable opportunities** create the foundation necessary for every child to succeed
- 2 A culture of continuous improvement** will ensure that all staff are learners and reflective practitioners
- 3 High expectations** and standards are necessary to prepare students for college and career
- 4 Collaboration** and partnerships with families and the New Haven community will enhance learning and achievement



Mission

To provide all students in New Haven Public Schools with personalized, authentic, and engaging learning experiences through creativity, exploration, innovation, critical thinking, problem-solving, and high quality instruction. To foster a culture of continuous improvement through collaborative partnerships with staff, families, and the New Haven community. To support students' growth and development by utilizing the Whole Child Framework.

Vision

Our vision is to be a premier urban school district that ensures access to equitable opportunities and successful outcomes for all students as they prepare for college, career, and life.

Priority Areas for 2020-2024

- | | |
|--|--------------------------------|
| 1 Academic Learning | 2 Culture & Climate |
| 3 Youth & Family Engagement | 4 Talented Educators |
| 5 Operational Efficiencies | |

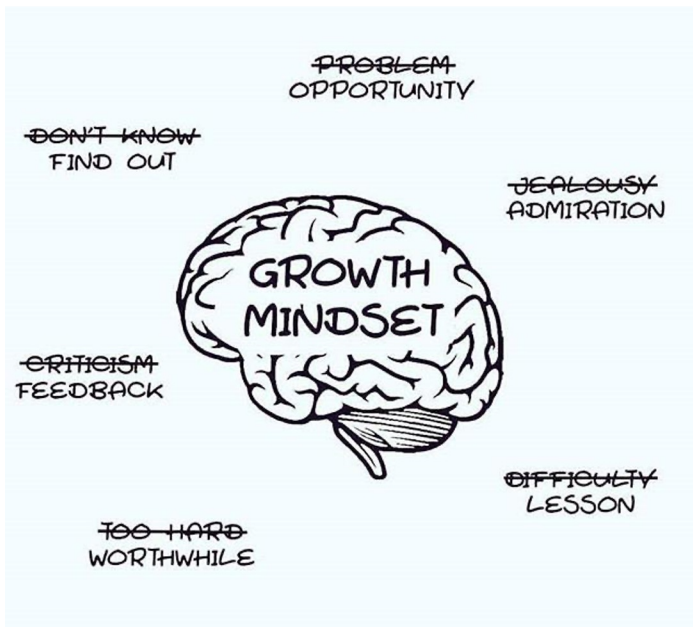
The Problem - THE OPPORTUNITY

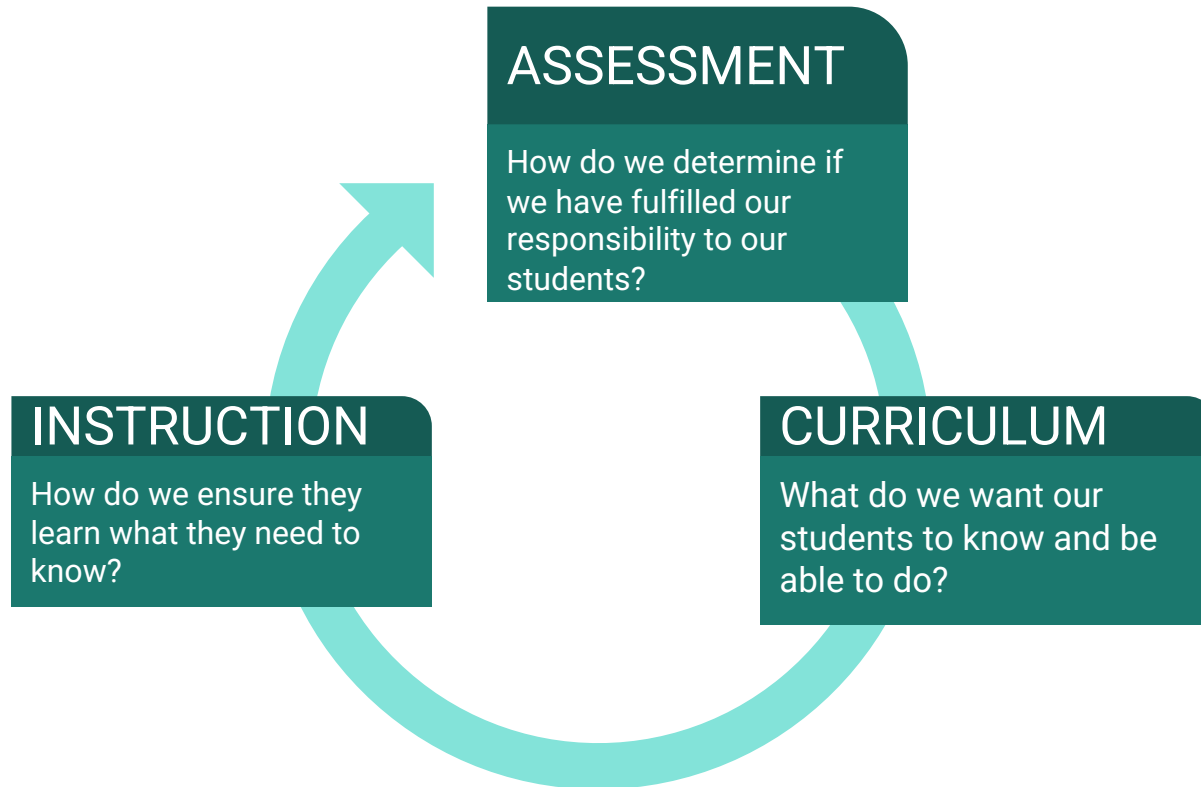


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Our scores demonstrate that our students have not yet realized their potential.

This provides us with an amazing opportunity for growth!





*The **assessment** determines whether or not students have attained the knowledge and skills outlined in the **curriculum**.*

***Instruction** is the mechanism by which students access the knowledge and skills.*

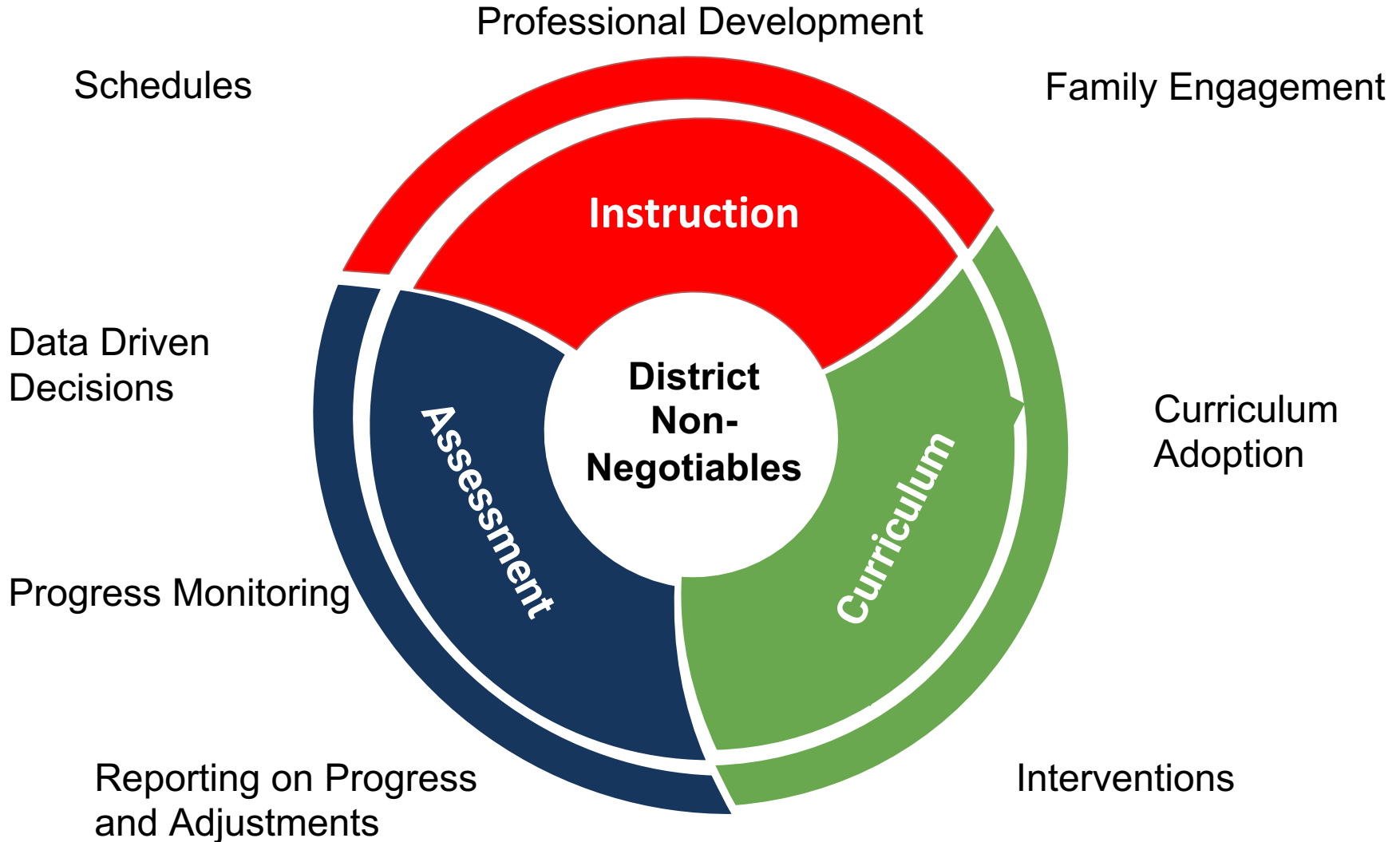
- I. **Comprehensive Core Program** with detailed framework for instruction with Oral Language, Phonemic Awareness, Phonics, Fluency, Vocabulary, Letter Name Fluency, and Reading Comprehension
- II. **Systems of Assessment for PreK-12 inclusive of Progress Monitoring** protocols and data analysis.
- III. Ongoing collaboration and **professional learning** for all educators.
- IV. Communication and Partnering with **Parents.**
- V. **Intervention** Plan (TBD in 2023-24)



The Reading Plan



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7 Components of Reading



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*The Reading Plan will ensure that all Teachers and Administrators will be trained to be **experts** in delivering the **7 Components of Reading**.*

Oral Language

Phonemic
Awareness

Phonics

Rapid Letter
Naming
Fluency

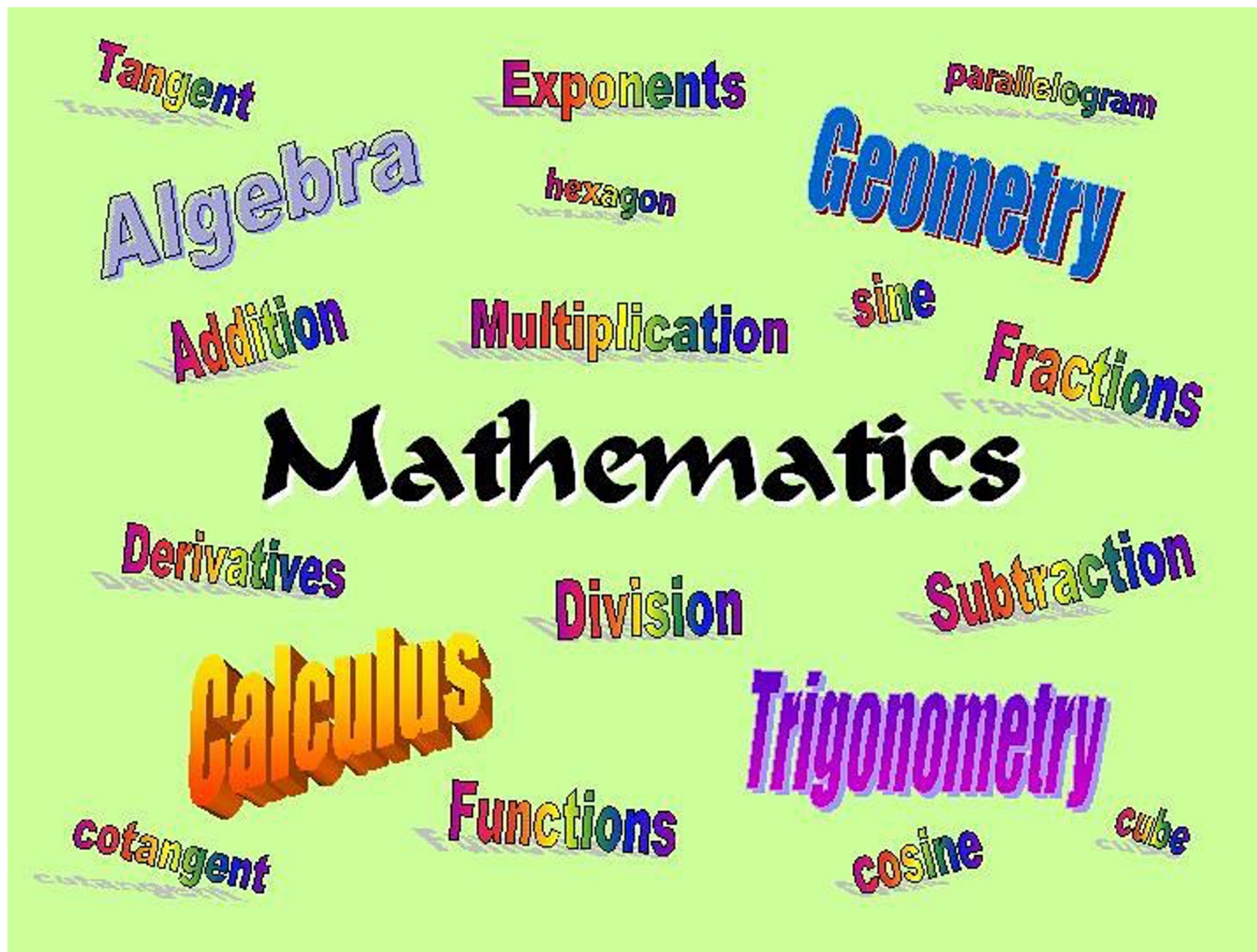
Vocabulary

Reading
Fluency

Comprehension

What will be Different?

<u>Before the Implementation of the September 2022 Reading Plan</u>	<u>After the Implementation of the September 2022 Reading Plan</u>
Various reading programs used across schools	District Wide Comprehensive Reading Program
Two phonics program used in NHPS (Foundations, Words Their Way)	One District Wide Program (Foundations)
Various levels of mastery in delivering Phonics Component	Foundations Training for Literacy Coaches, K-3 Teachers, and Paraprofessionals
Only 6 Professional Development District Wide opportunities allotted in a school year	Monthly opportunities for professional development in various formats meeting the recipient need
Inconsistent teacher collaboration time embedded in school schedules	Time for collaboration built into schedules and will occur regularly



8 Standards of Mathematical Practice



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**Make sense of
problems and
persevere in solving
them**

**Reason abstractly
and quantitatively**

**Construct viable
arguments and
critique the
reasoning of others**

**Model with
mathematics**

**Use appropriate
tools strategically**

Attend to precision

**Look for and make
use of structure**

**Look for and
express regularity
in repeated
reasoning**



		EVALUATE & REVISE	*PROVIDE LEARNING OPPORTUNITIES	IMPLEMENT & ASSESS
1	CURRICULUM	<ul style="list-style-type: none"> ● Summer 2022 Alg 1, Geom, Alg 2, Pre-Cal drafts completed with SPED/ML strategies embedded ● K-5 curriculum writing teams created monthly pacing guides and pre made “open and teach” morning meeting guides. ● 6th - 8th grade next up 	<p>AUDIENCE: Teachers Coaches Administrators</p> <p>PROVIDERS: Curriculum writing teams Teachers & Coaches</p>	<ul style="list-style-type: none"> ● Non-negotiable adherence to curriculum ● Ongoing input from teachers ● Teachers and Coaches assess impact ● Curriculum Teams revise as necessary

**PD will be determined both through asking teachers, coaches and administrators what they want/need, as well as observance of areas in need of improvement that they may not be aware of.*



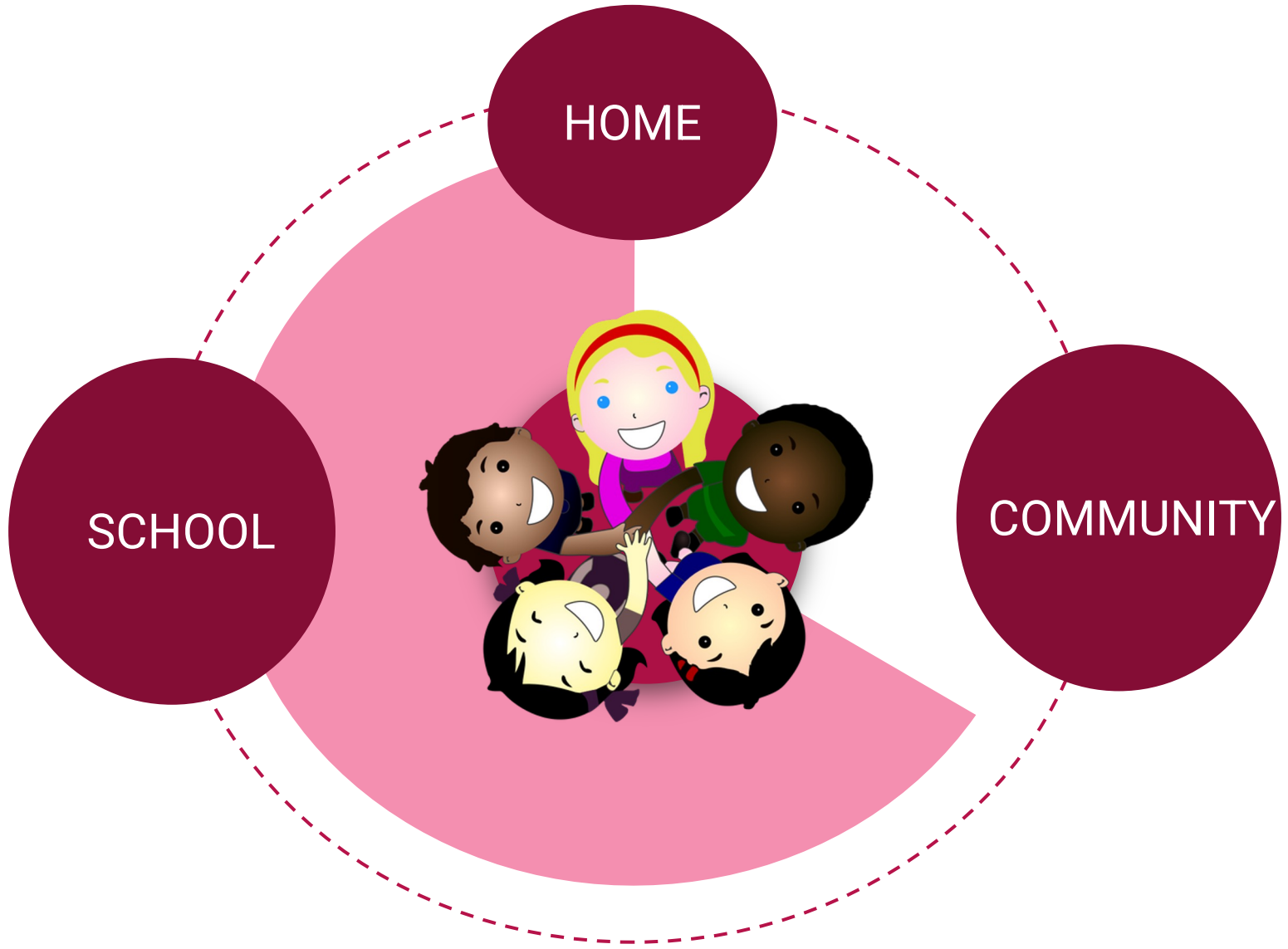
		EVALUATE & REVISE	*PROVIDE LEARNING OPPORTUNITIES	IMPLEMENT & ASSESS
2	INSTRUCTION	<ul style="list-style-type: none"> • 2nd year of iReady adoption K-5 • Piloting 2 Comprehensive MS programs: iReady & enVisions • 1st year of enVisions adoption in HS • Attention needs to be paid to ensuring equity across the district as far as availability of intervention programs.. 	<p>AUDIENCE: Teachers Coaches Administrators Parents</p> <p>PROVIDERS: Text resource companies Coaches Modern Classroom Family STEM Nights</p>	<ul style="list-style-type: none"> • Multiple research based intervention programs (iReady, IXL, Frax, Math 180) • FOCUS AREAS: <ul style="list-style-type: none"> ○ Small Group Instruction ○ Mathematical Discourse • Provide administrative “Look Fors” • Maximize technology usage, esp calculators for • Provide “Parent Pointers”

**PD will be determined both through asking teachers, coaches and administrators what they want/need, as well as observance of areas in need of improvement that they may not be aware of.*



		EVALUATE & REVISE	*PROVIDE LEARNING OPPORTUNITIES	IMPLEMENT & ASSESS
3	ASSESSMENT	<ul style="list-style-type: none"> ● Evaluate current district assessments across all grade levels ● Revise as needed to ensure the following: <ul style="list-style-type: none"> ○ curriculum & pacing alignment ○ focus on HOT and application ○ scaffolded tools towards success on state assessments ● Create HS assessments (unit or quarterly) that align with the newly revised curricula 	<p><i>*Depending on the assessment tool, PD may be needed on technology implementation and reporting</i></p> <p>AUDIENCE: Teachers Coaches Administrators</p>	<ul style="list-style-type: none"> ● Minimize the amount of testing while adhering to state requirements ● Non-negotiable adherence to assessment administration and reporting (especially at the HS level) ● Assess impact, revise as necessary

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- Math handouts for K and 9th grade shared with families during canvass
- Develop and disseminate literature that includes strategies for developing/practicing mathematical thinking and application outside of school
- School and/or Community based family STEM events
- Applications of learning, games, and projects
- How can parents promote STEM learning at home?
- Provide “Parent Pointers” for varied age levels
- Flood the community with math learning - churches, barber shops & beauty salons, grocery stores, pediatrician’s offices, etc.



**Please share your thoughts on
our plan. Feedback is a gift!**