Math Department Learning and Planning

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Teaching and Learning Committee Meeting
October 25, 2023

2022 - 2023 School Year

Implementation:
- Year 2 of iReady implementation K-5
- Creation of new pacing guides
- Required prerequisite lessons for iReady
- Creation of morning meeting slides
- Began to build our video library of exemplary lessons
- Increased teacher buy-in of iReady
- New envisions curriculum in HS
- Coach walkthroughs started
- District-wide focus: Student Discourse & Small group instruction

Curriculum:
- Piloted envisions and iReady in grades 6-8
- Selected iReady based on teacher feedback and in order to maintain continuity in K-8 schools
- 1st year of enVisions in HS
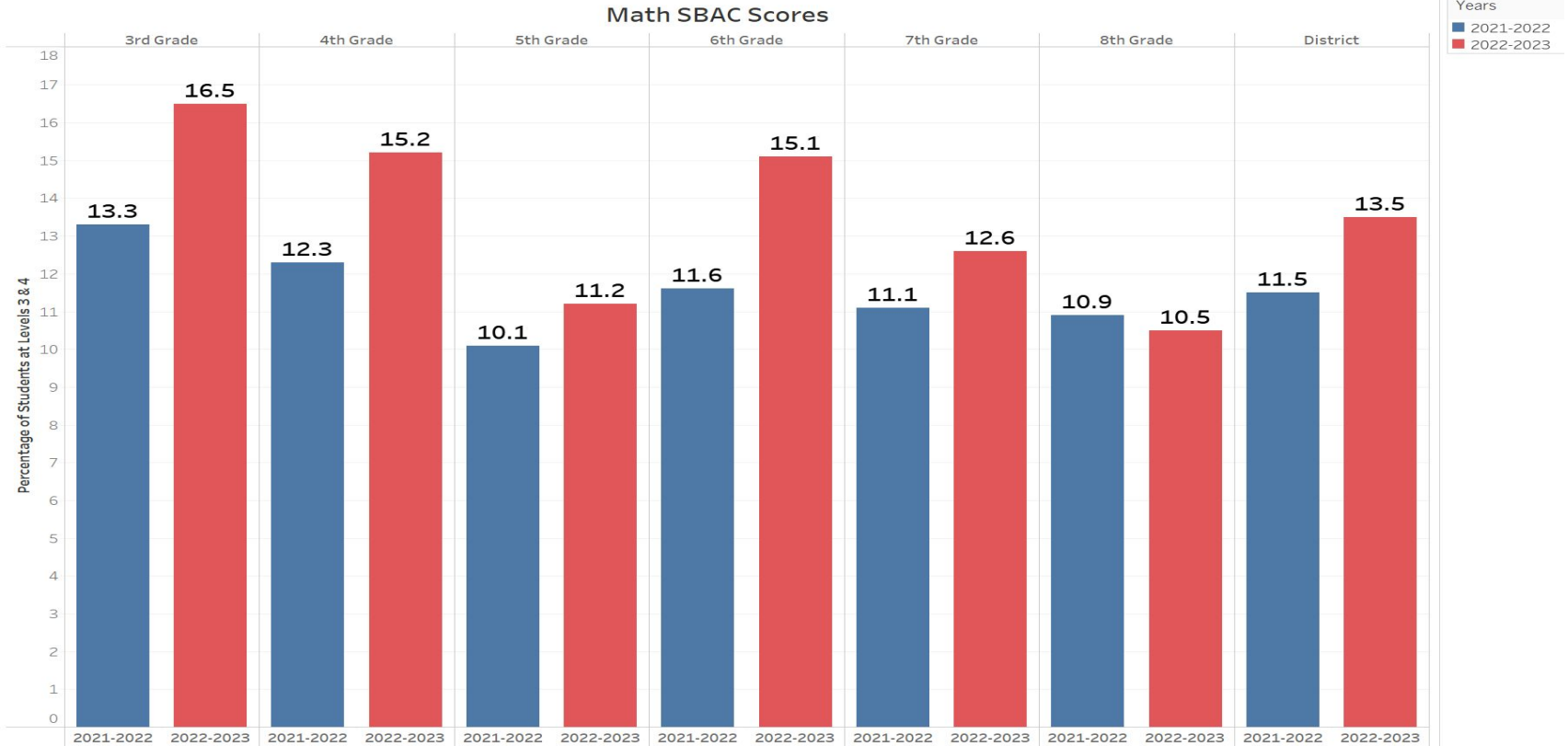- HS curriculum writing teams (Alg 1, Geom, Alg 2, Pre-Calculus)

K-8 Outcome:
- Increase in SBAC scores: District SBAC scores 21-22 to 22-23

District SBA Scores 21-22 to 22-23

Math SBAC Scores

Overview

Our team has engaged in several activities to gather information, support math instruction, and plan professional learning experiences.

GOALS:

- Gather information about math instruction
- Understand how we can serve teachers through professional learning
- Make data-based decisions about how to deploy resources

Needs Assessment

Academic Team Walkthroughs

Visiting various classrooms at each school

Collaboratively debriefing feedback with central office personnel, school representatives, math department leadership and iReady consultant

Providing timely feedback and next steps to building leaders

School Data Chats

Meeting with instructional leadership teams, math department leadership and iReady consultant

Analyzing Diagnostic 1 and MyPath completion and performance data

Setting individualized school priorities for instruction and support

Performance Data Review

Reviewed district data from Diagnostic 1

Synthesized iReady Classroom Math implementation data

Set priorities for instruction and support

Theory of Action

- Greater consistency in implementation of high-leverage instructional practices will advance student learning
- Consistency will be achieved through multi-pronged supports for teachers, coaches, and leaders

High Level Observations

Some teachers are implementing high-quality instructional practices described in iRCL

Data Sources:
- Academic team walkthroughs
- School data chats
- Past and current learning walks
- iReady school and district-level data
- Professional development feedback

Some schools are effectively implementing iReady Personalized Instruction (MyPath)

Teachers new to iRCL are experiencing a predictable pattern of implementation

Classroom teachers and support staff need continued training and resources to provide specialized instruction

High Level Observations

The math department is committed to

- Building sustainable capacity (building leaders, coaches, teachers)
- Creating greater consistency in instructional practices
- Supporting leaders and teachers with high-quality professional learning

Response to Observations

Teacher Professional Learning

- PD days facilitated by Curriculum Associates
- PD days facilitated by coaches
- Job-embedded learning facilitated by coaches

Specialized Professional Learning

- Strategies to support multiple language learners
- Special education specific strategies and tools
- Supporting tutors and potentially summer learning

Response to Observations (continued)

NEW HAVEN PUBLIC SCHOOLS

Bimonthly Coaches' Meetings

- Program knowledge
- Strategies to support teachers with planning
- Providing effective feedback and next steps to teachers

Supports and Learning for Leaders

- Program knowledge and instructional look fors
- Best practices for meeting growth goals
- Leaders' roles in iRCL implementation

NEW HAVEN PUBLIC SCHOOLS

Priority Schools Support

- Weekly support from a CA partner
- Focus on instructional planning, co-teaching, and reflecting

High Dosage Tutoring

- Specific high-need schools
- Students are chosen by school personnel
- Frequent small group focus sessions with trained tutors in grades 6-8

Thank you for your time and continued support!

Questions?