

Innovative Assessment Pilot Update



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Overview

- How does Navvy work?
- Why are we using Navvy as our local formative assessment system?
- How does Navvy work with the state/federal innovative assessment pilot?
- Why do we want to use Navvy for state assessment?

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Navy Competency Checks

Design: Assessment per standard

Real-time results: Identifies whether student has competency (check) or needs support (x)

Directly actionable result: Teachers provide instructional support for students based on the standards identified as needing support, personalizing learning for students

Multiple-tries: Students have 3 attempts to show competency and reports always reflect the most up-to-date status, allowing for personalized learning and detailed progress monitoring to take place

First ↑↓	Last ↑↓	% ↑↓	IN.1 (Data) ↑↓	IN.2 ↑↓	IN.3 (Data) ↑↓	IN.4 (Data) ↑↓	IN.5 (Data) ↑↓	IN.6 ↑↓	IN.8 (Data) ↑↓	IN.9 (Data) ↑↓
Alexa	Allende	100.00	✓	🔒	✓	✓	✓	🔒	✓	✓
Bobbie	Brass	50.00	✓	🔒	✓	✗	✗	🔒	✓	✗
Cathy	Clarke	66.67	✗	🔒	✓	✓	✓	🔒	✓	✗
Dontarius	Dawson	50.00	✗	🔒	✗	✓	✓	🔒	✓	✗
Eta	Emankum	83.33	✓	🔒	✓	✓	✓	🔒	✗	✓
Frank	Farr	66.67	✓	🔒	✗	✓	✓	🔒	✗	✓
Georgia	Gray	100.00	✓	🔒	✓	✓	✓	🔒	🔒	🔒
Hector	Hernandez	83.33	✓	🔒	✓	✗	✓	🔒	✓	✓
Irma	Ince	83.33	✓	🔒	✓	✓	✓	🔒	✓	✗

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Jackson	Jarris	66.67	✓	🔒	✗	✓	✓	🔒	✗	✓	
%			80.00	--	70.00	80.00	90.00	--	66.67	55.56	

So, what's “innovative”?

- **Standards-level results:** Progress monitoring standard-by-standard
 - Within grades
 - Across grades
 - Using valid and reliable techniques
 - Embedded in the classroom
 - Real-time, up-to-date learning status
 - Designed to foster healthy learning journey
- We have standards. We have goals to teach every child every standard. Before Navvy, we had no tool designed to validly and reliably identify which students had learned which standards.
- How is that different from other options districts have?
 - Interim assessments and end of year assessments are designed to give feedback 3 times or 1 time per year on the domain- or grade level.

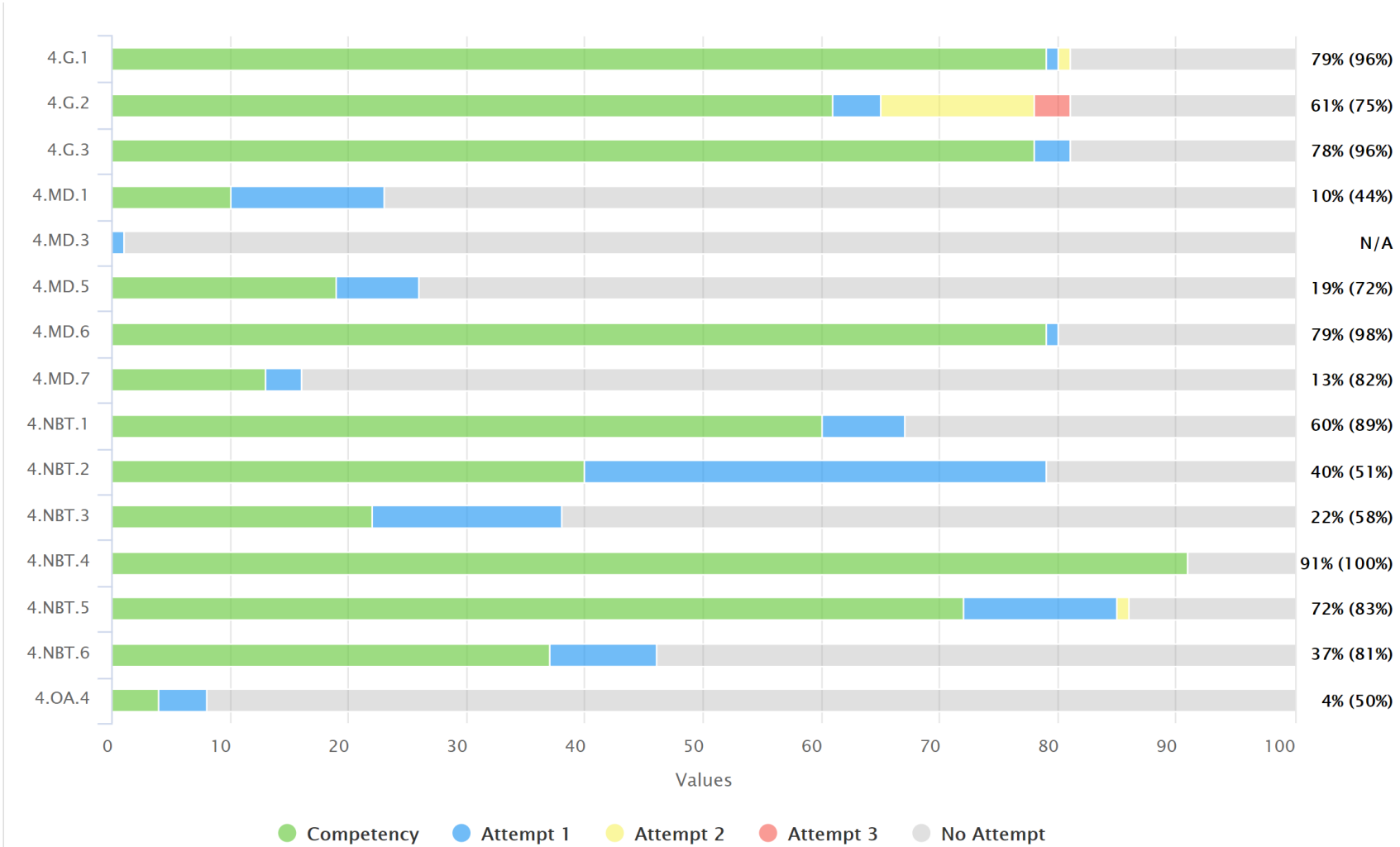
Overview

- How does Navvy work?
 - Monitors standard by standard learning with short assessments given as needed by the classroom teacher
- Why are we using Navvy as our local formative assessment system?
 - **It is helping students learn** by helping teachers pinpoint what students know and what they don't know so they can provide personalized supports
 - Guides learning interventions: We cannot intervene in learning until we know what has and hasn't been learned
- How does Navvy work with the state/federal innovative assessment pilot?
- Why do we want to use Navvy for state assessment?

Informing Strategic Planning/Instructional Supports at a New Level of Detail

- At the district and school levels, we are now able to ask and answer **standards-level** questions that pinpoint instructional supports we provide
- Example for a subject/grade level:
 - Which 3 standards in 4th grade math are most challenging for our students to learn?
 - What instructional supports or PL can we provide for teachers on those standards?
 - Which schools/teachers are performing well on these standards? Can they provide PL for other teachers?
- Example for a student:
 - Bryan is starting 5th grade. Which 4th grade standards has he not yet learned?
 - It's November. Which 5th grade standards has Brian learned so far?

Standards-Level Reporting



Student Learning Map

- Track standards' competencies
 - Within grade
 - Across grades
- This assessment design was needed before the pandemic, is needed now, and will be needed after the pandemic
 - Unfinished learning (sometimes called "gaps" in learning) is always being monitored in real time as part of effective assessment practice using Navvy
 - We already have disruptions to learning (sometimes called "learning loss") pinpointed, as part of regular assessment practice with Navvy

3	4	5	6	7	8	Alg	Geo
✓ 3.NBT.1	🔒 4.MD.8	🔒 5.NBT.2	6.G.2	7.NS.1	8.F.3	A.REI.4	G.GMD.4
✓ 3.NBT.2	✓ 4.NBT.1	✓ 5.NBT.3	6.G.3	7.NS.2	8.F.4	A.REI.6	G.GPE.1
✓ 3.NBT.3	✓ 4.NBT.2	✓ 5.NBT.4	6.G.4	7.NS.3	8.F.5	A.SSE.3	G.GPE.4
✓ 3.NF.1	●●● 4.NBT.3	✓ 5.NBT.5	6.NS.1	7.RP.1	8.G.1	F.BF.2-E	G.GPE.5
●○○ 3.NF.2	✓ 4.NBT.4	✓ 5.NBT.6	6.NS.2	7.RP.2	8.G.2	F.BF.2-L	G.GPE.7
●○○ 3.NF.3	✓ 4.NBT.5	🔒 5.NBT.7	6.NS.3	7.RP.3	8.G.3	F.IF.1	G.SRT.2
✓ 3.OA.1	✓ 4.NBT.6	🔒 5.NF.1	6.NS.4	7.SP.1	8.G.4	F.IF.2-L&E	G.SRT.4
✓ 3.OA.2	✓ 4.NF.1	🔒 5.NF.2	6.NS.5	7.SP.2	8.G.5	F.IF.2-Q	G.SRT.5
✓ 3.OA.3	🔒 4.NF.2	🔒 5.NF.3	6.NS.6	7.SP.3	8.G.6	F.IF.4-E	G.SRT.7
✓ 3.OA.4	✓ 4.NF.3	🔒 5.NF.4	6.NS.7	7.SP.4	8.G.7	F.IF.4-L	G.SRT.8
✓ 3.OA.5	●○○ 4.NF.4	🔒 5.NF.5	6.NS.8	7.SP.5	8.G.8	F.IF.4-Q	

Standards-Level Data Use: Guiding Resources at all Levels

Student regulation of self (ownership of learning)

Teacher personalized learning for student

School personalized support for teachers

District personalized support for schools

External supports needed for district-wide needs

Identifying specific standards-level competency informs how to offer instructional support at all levels (district, school, teacher, student) to increase student learning in our school system.

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 - Helping students learn by helping teachers pinpoint what students know and what they don't know and then provide personalized supports
 - We cannot intervene in learning until we know what has and hasn't been learned
- How does Navvy work with the state/federal innovative assessment pilot?
 - We aggregate and then report the data that we collected through Navvy naturally in the classroom throughout the year
- Why do we want to use Navvy for state assessment?

Innovative Pilot

- **Aggregated result:** By the end of the year, we will know which standards each student has learned; can summarize with a % (or other ways)
- **Achievement level:** The aggregated result will be used as the basis to classify students into existing achievement levels. This classification is what is federally required for accountability reporting.

Achievement Levels
 Distinguished
 Proficient
 Developing
 Beginning

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 - We aggregate and then report the data that we collected through Navvy naturally in the classroom throughout the year
- Why do we want to use Navvy for state assessment?
 - Better reflects what students learned all year, instead of trying to gauge with a snapshot on a single day
 - Keeps all 180 days for teaching and learning, assessing along the way as a key part of classroom instruction

Adds in State Support

Standards-Level Data Use: Guiding Resources at all Levels

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External supports needed for district-wide needs

State personalized support for districts

*Identifying specific standards-level competency informs how to offer instructional support at all levels (district, school, teacher, student) to increase student learning in **our state**.*

Pilot Timeline

- Technical quality and comparability
 - Annual Summative Determination Analyses
 - Comparability Analyses
 - Concurrent Validity Evidence
 - Annual Reporting
- Local District Stakeholder Involvement
 - Annual Data Review
 - Annual Leadership Summit
- Local District Implementation Supports
 - Professional Learning

Post COVID-19 Pilot Timeline

Comparability analyses: Required to collect data to show how Navvy results relate to Milestones results

- This means students taking Milestones at the end of the year, in addition to using Navvy throughout the year
- Need a representative sample of students to take both assessments

IADA Year	School year	Navvy Math	Navvy ELA	Milestones ELA	Milestones Math	Summer	Description of Year
1	2019-2020	*3-8, HS	*3-8, HS	--	--	--	No Milestones given; Navvy assessments given through March, but not completed.
2	2020-2021	3-8, HS	3-8, HS	3-8, HS	3-8, HS	**Conduct Technical and Comparability Analyses with Full Sample	Comparability Data Collection Year
3	2021-2022	3-8, HS	3-8, HS	3-8, HS	3-8, HS	Re-conduct Technical and Comparability Analyses with Full Sample	Comparability Data Collection Year
4	2022-2023	3-8, HS	3-8, HS	***3-8, HS	***3-8, HS	Check Comparability with Sample	Waiting on approval year; Comparability Maintenance
5	2023-2024	3-8, HS	3-8, HS	Sample: 4, 7, 9th Lit	Sample: 3, 6, Algebra I	Check Comparability with Sample	Comparability Maintenance

*Navvy assessments given through March, but not completed.

**Due to COVID impact, analyses are provisional.

***This year of Milestones data is not for comparability analyses. Milestones are required until the IADA waivers in place.

State Funding Budget Items

- Technical quality and comparability
 - Annual Summative Determination Analyses
 - Comparability Analyses
 - Concurrent Validity Evidence
 - Annual Reporting
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NAVVY

✓ Evidence-based innovation

- ✓ Provides districts with an **on-demand, standards-level, instructionally-relevant** assessment tool we need to support teachers and students
- ✓ Designed to reliably tell you what students know and what they don't know
 - ✓ An assessment for learning—it is part of the intervention
 - ✓ Doubles as an accountability system without additional testing



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