

» Pearson



Essentials for Teachers

Agenda

1 What is Navy?

2 Navy Assessment Design

3 Checks for Understanding

4 Review Results

5 Other Considerations

6 Closing

Learning Objectives



Understand Navvy as a comprehensive formative assessment system.



Utilize Navvy Competency Checks and Practice Checks.



Become familiar with essential Navvy reports.

Virtual Housekeeping

Please have cameras on, except for extenuating circumstances.



Please remain on mute unless you have a comment/question.



Please feel free to ask questions in the chat.

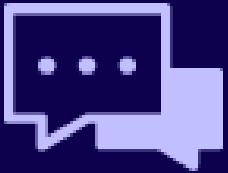


This slide deck is copyrighted and cannot be distributed.

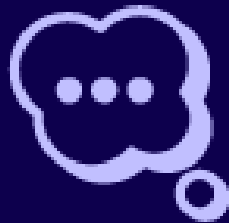


When you see these icons...

Discuss it



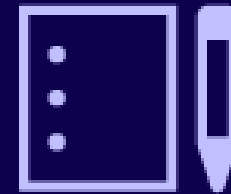
Reflect on it



Work on it



Write it



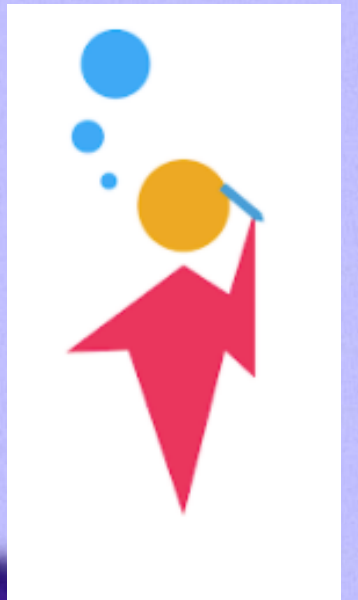
What is Navvy?

Every student's learning journey is unique.

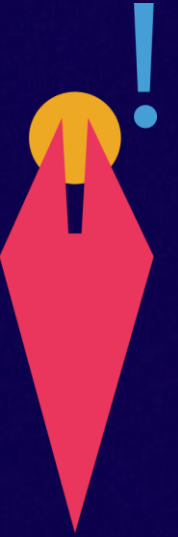


Go on a journey with me!

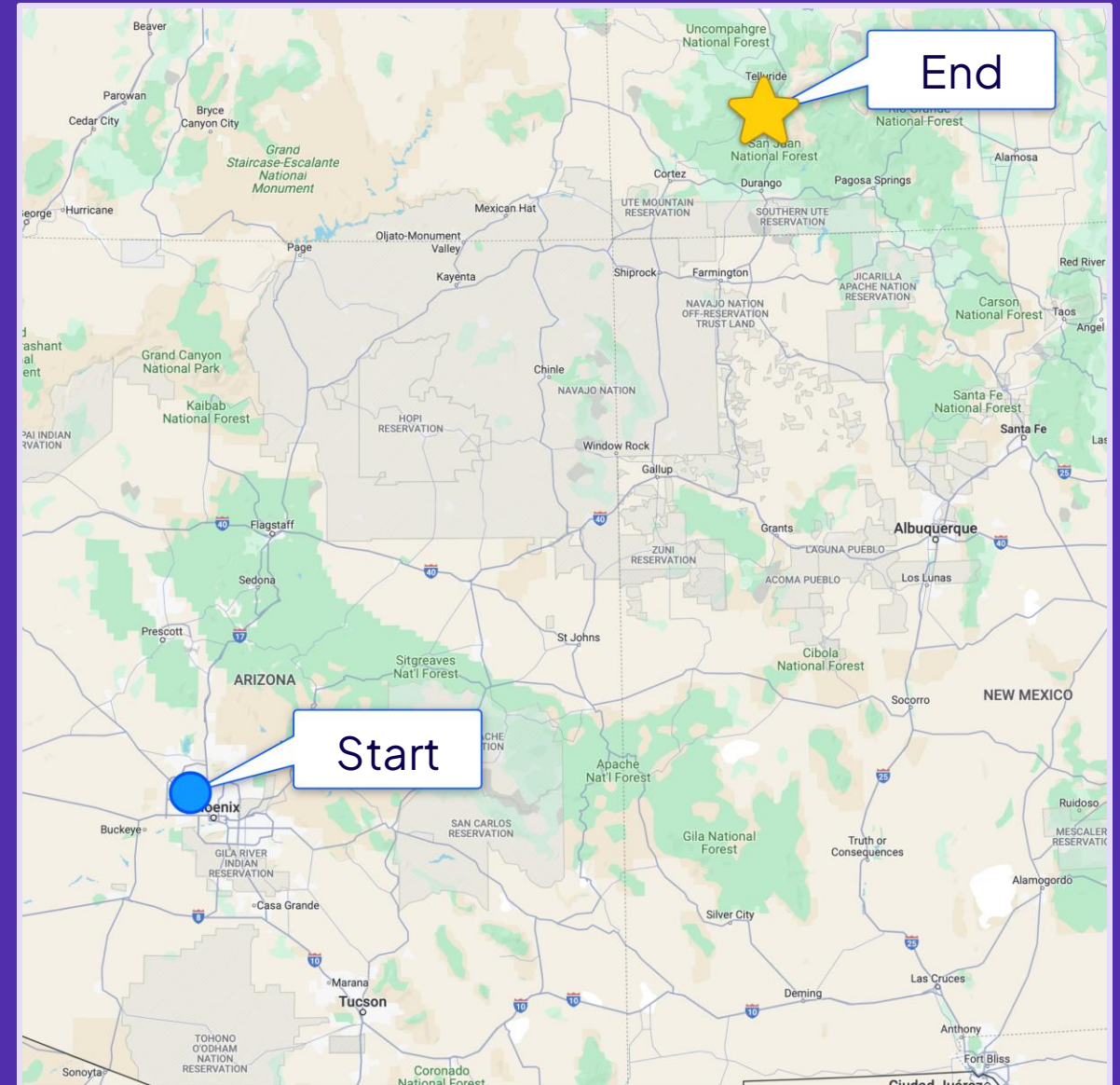
We're starting from different places, but we both want to arrive at the same destination.



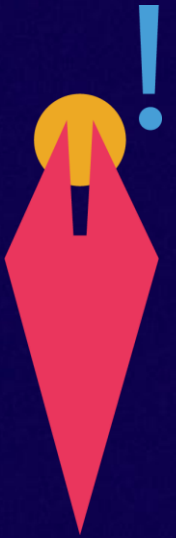
We need a **navigation** tool!



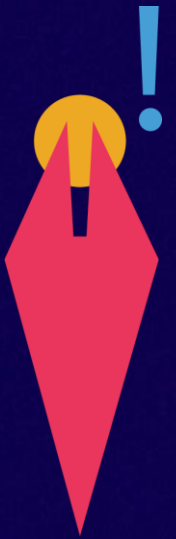
Why would we count on a GPS to help us navigate this journey?



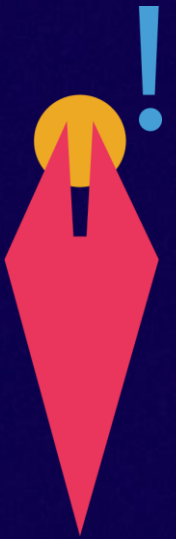
We need
timely directions!



We need
specific directions!



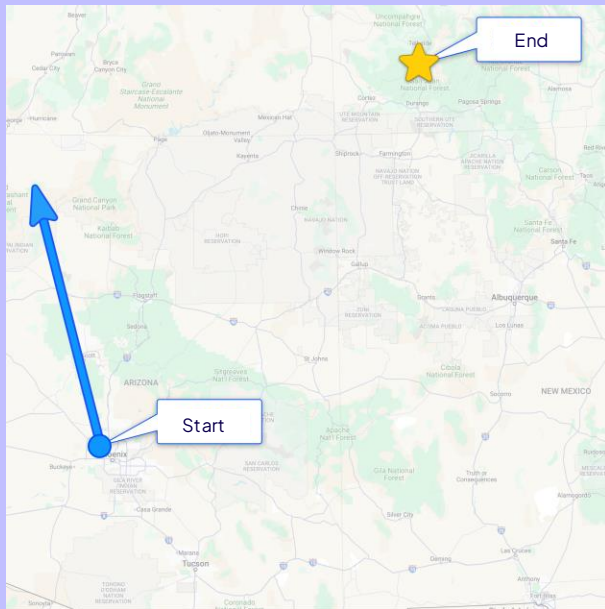
We need
accurate directions!



Timely and Specific

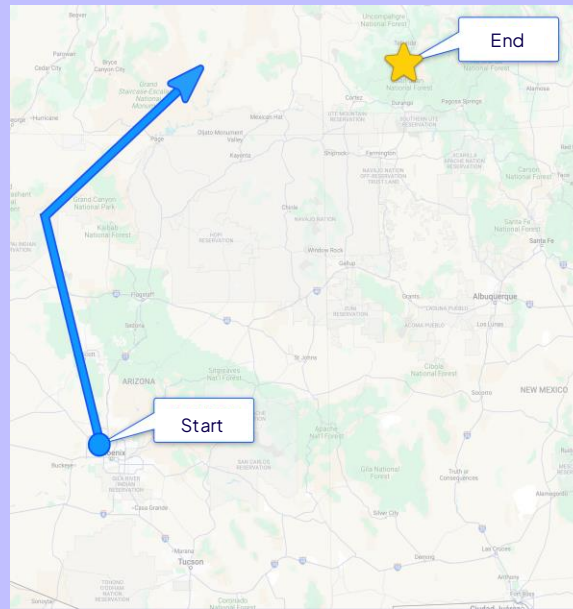
AT THE END

180 hours into my journey...



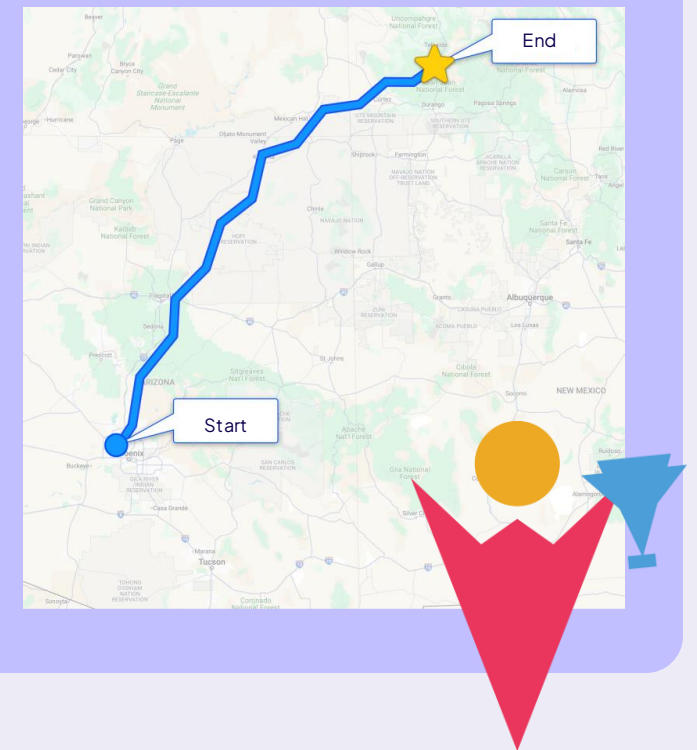
BEGINNING, MIDDLE, AND END

At the start, 90, and 180 hours into my journey...



ONGOING

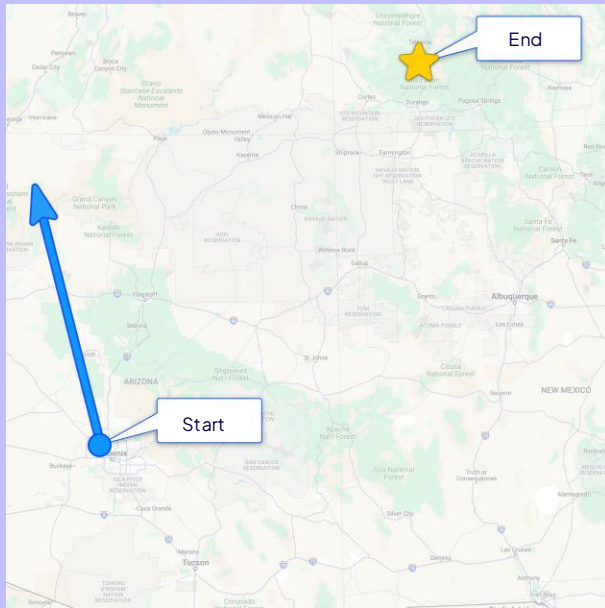
As I need it throughout my journey!



Timely and Specific Assessments

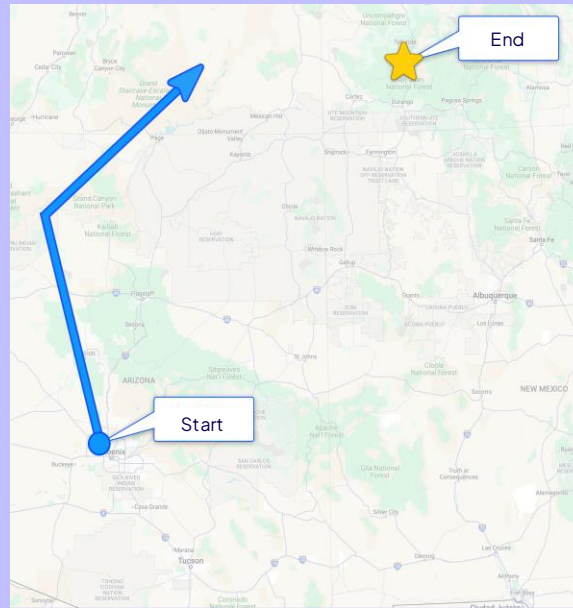
SUMMATIVE

180 hours into the journey



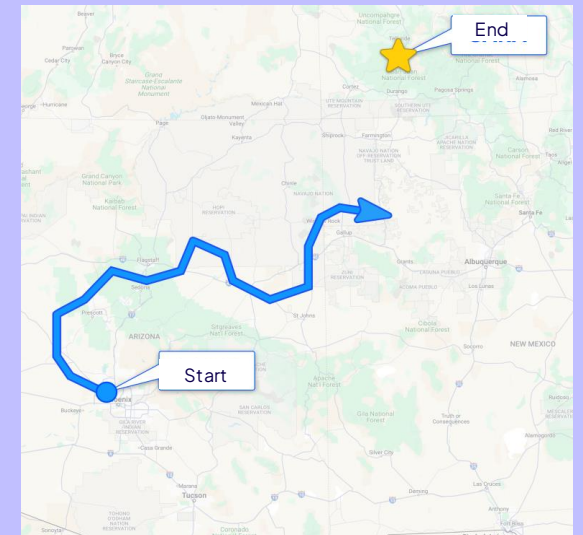
INTERIM

At the start, 90, and 180 hours into the journey



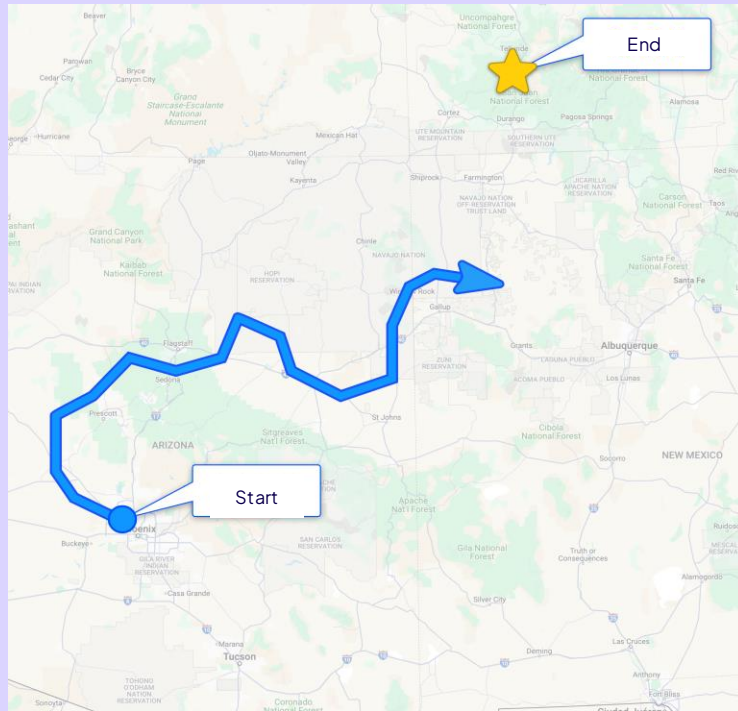
OTHER CLASSROOM ASSESSMENTS

Ongoing, as needed throughout the journey



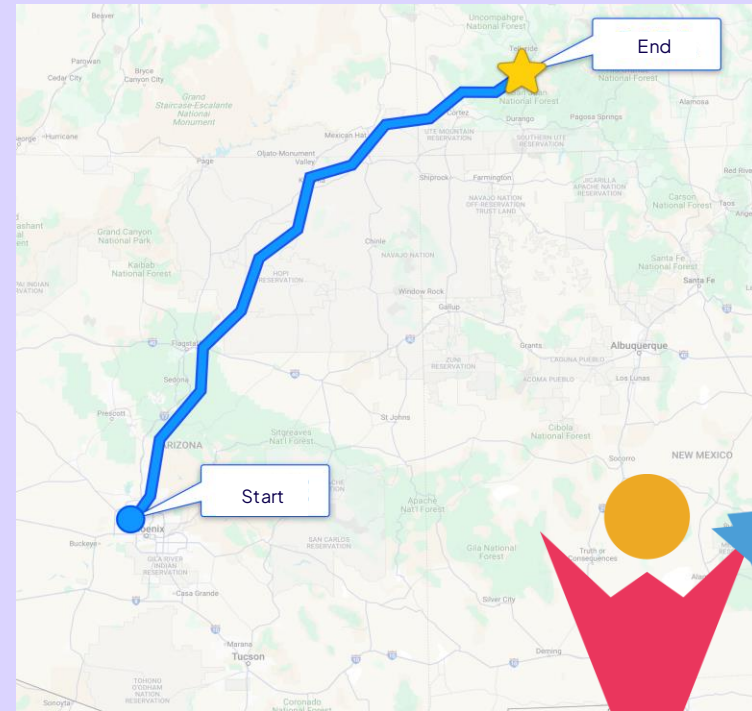
Timely & Specific without accuracy

On-going, as needed



Timely & Specific with accuracy

On-going, as needed



Nav·vy

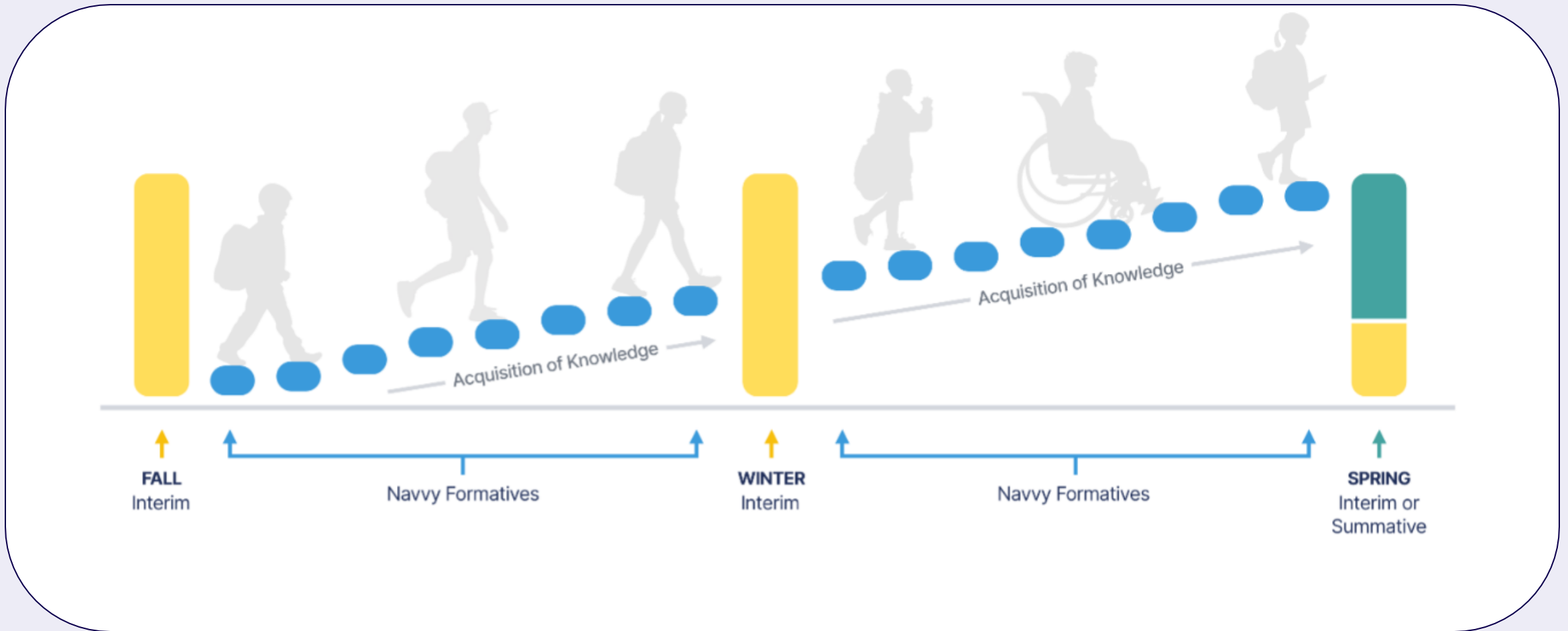
(*na-vee*) /'nævi/

noun

one who navigates



Balanced Assessment System



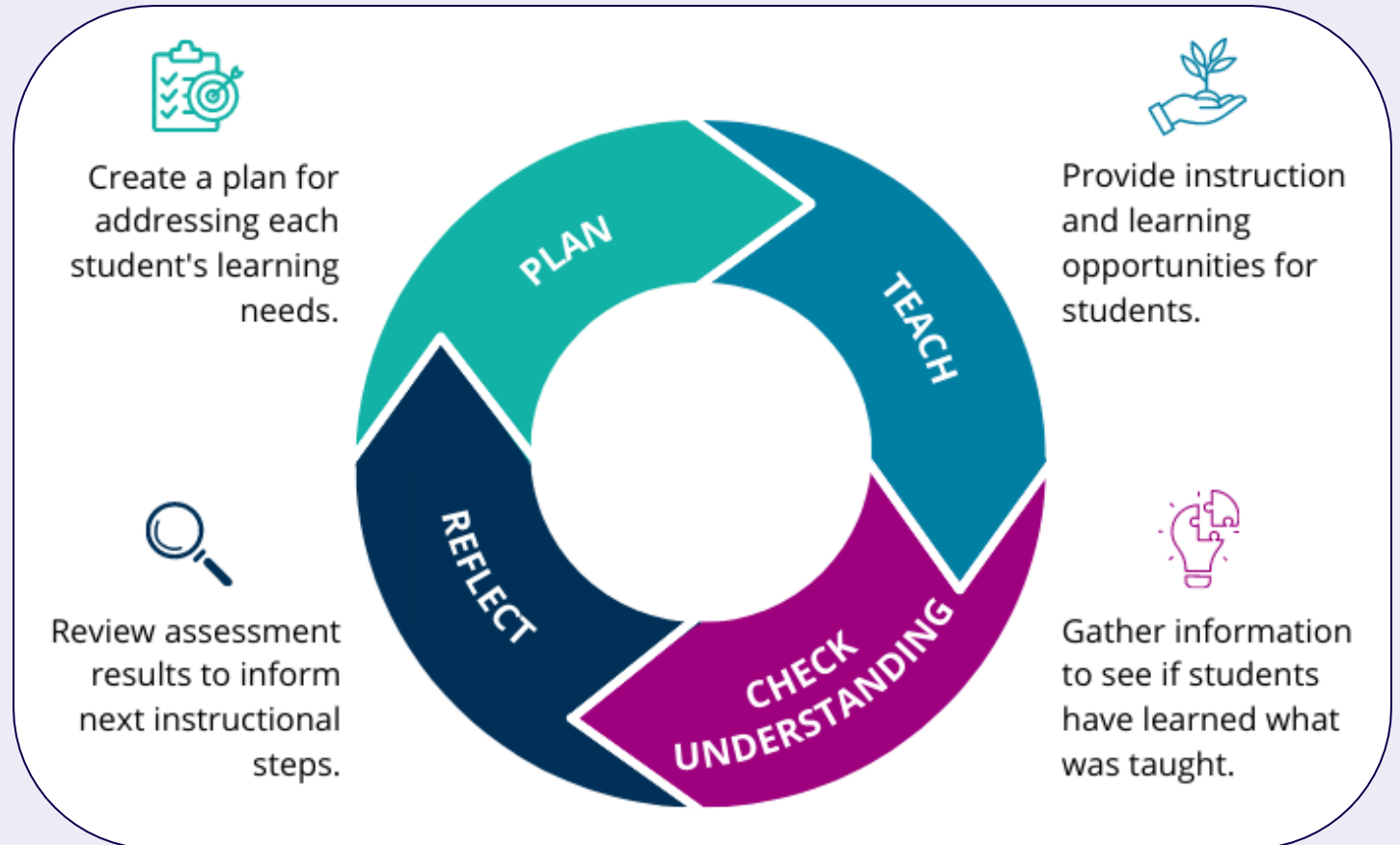


When you think of a formative assessment system that would help your students, teachers, and leaders, what key characteristics come to mind?

Navvy's Theory of Action

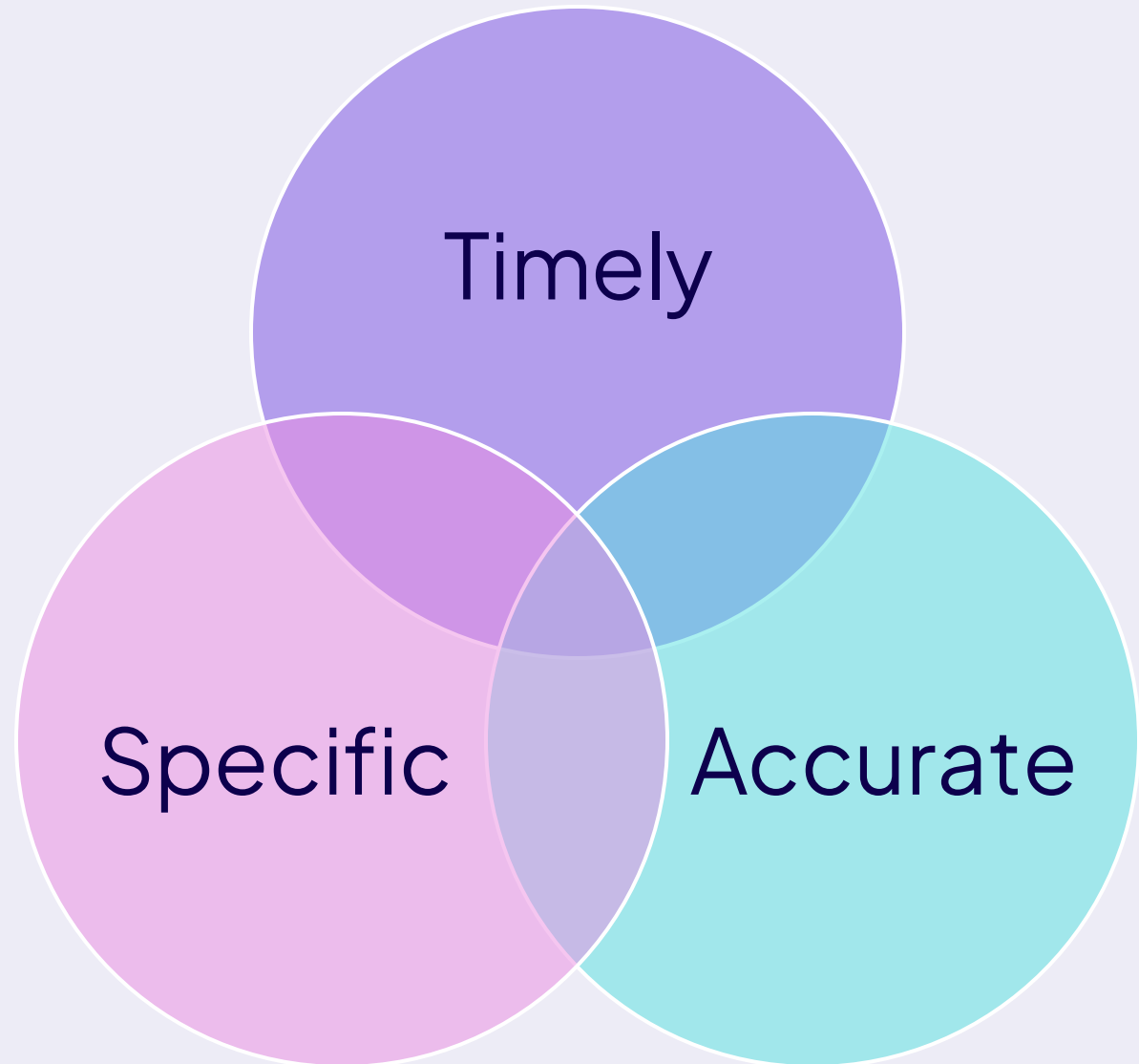
Checking Understanding Phase

- If it isn't **timely**, we can't use it
- If it isn't **accurate**, it could misguide our next steps
- If it isn't **specific**, we can't act on it



Navvy's Pillars

Navvy provides teachers with *timely* data they can *trust* at a grain size they can *use*.





3-2-1 Protocol

Share 3
things you
just learned.

Share 2
questions
you still
have.

Share 1
thing that
was
interesting
to you.



03:00

Navvy Assessment Design

Navy Assessment Blueprints: Proprietary and Rigorous



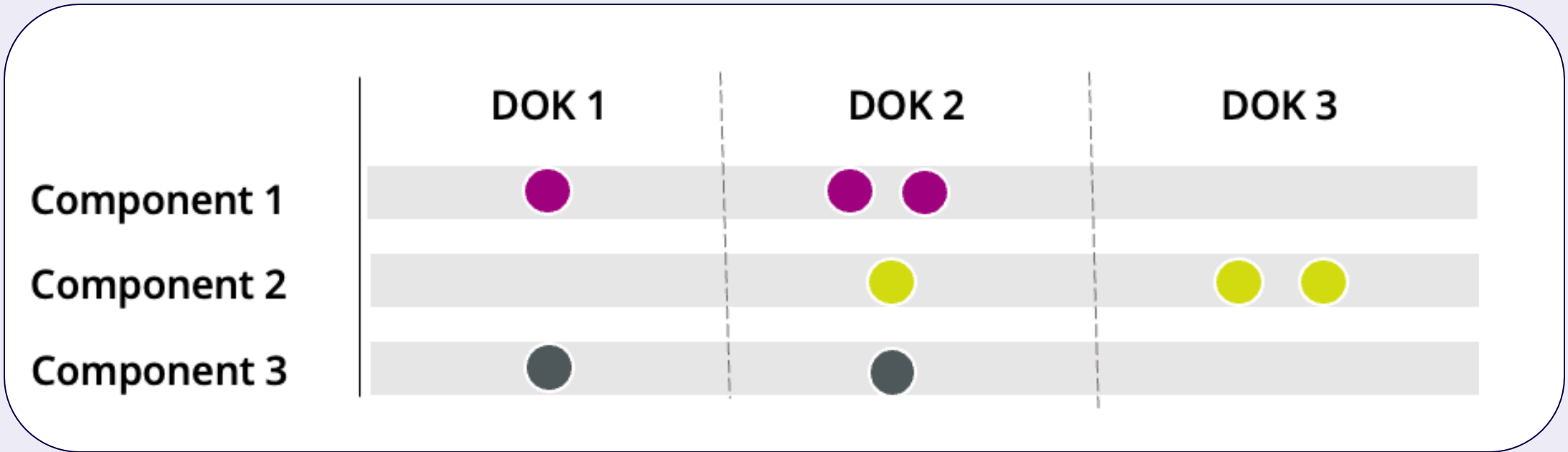
6.G.2

Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = lwh$ and $V = bh$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.

Navy Assessment Blueprints: Proprietary and Rigorous

Level	DOK Characteristics
DOK 1	Recollection, recall or identification of a fact, term, principle or concept. It's a “just right there” answer most often.
DOK 2	Involves skills and concepts that require students to engage in some mental processing beyond recall, such as applying concepts, making decisions, or organizing information.
DOK 3	Involves skills and concepts that require students to engage in some mental processing beyond recall, such as applying concepts, making decisions, or organizing information.

Navy Assessment Blueprints: Proprietary and Rigorous



Navy Assessment Blueprints: Proprietary and Rigorous



6.G.2

Description & Components

Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = lwh$ and $V = Bh$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.

- C1** Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism.
- C2** Apply the formula $V = l \times w \times h$ to find volumes of right rectangular prisms with fractional edge lengths to solve problems.
- C3** Apply the formula $V = B \times h$ to find volumes of right rectangular prisms with fractional edge lengths to solve problems.

Component & DOK Blueprint

Component Blueprint

- C1** 25-50%
- C2** 25-38%
- C3** 25-25%

DOK Blueprint

- DOK 1** 25-38%
- DOK 2** 25-50%
- DOK 3** 25-25%



Turn & Talk

What is a standard "component" in Navy?

What is "DOK" expressing as it's used in Navy?

What is a "blueprint" in Navy, and what does it tell you?

03:00

Check for Understanding

With Navy Competency Checks and Practice Checks

Navy Checks

Competency Checks

- Diagnose standard-level competency
- Up to 3 opportunities to show competency
- Pre-built; 6-8 items
- Secure ; valid & reliable
- On-grade standards, one standard at a time
- Grades *2-8 and high school



Practice Checks

- Provide flexible, targeted learning support
- Retakes and review
- Build your own
- Non-secure questions
- On- or off-grade; one or many standards at a time
- Grades K-8 and high school





Check Your Understanding

1

What is one use for Competency Checks?

What is one use for Practice Checks?

2

Which Navvy Check includes items that you and students do **not** have access to prior to the assessment?

3

How many items are on each Competency Check?

4

Which type of Check can be given on or off grade level, for one or many standards at a time?

Break

05:00



Let's get logged into Navvy!

Note: This is a demo account. You will access your rostered accounts differently.



Link

www.navvyeducation.com



Username

pearson@navvy.com



Password

Pe@rson24



Your Turn: Assign a Check

Log in

Log in to the Navy sandbox account.

Assign

Assign a Practice Check or a Competency Check to one class.

Notice

What icons, buttons, and options do you see when assigning?

Consider

When might you use each configuration or option with students?

10:00

Managing Check Assignments

- **Management Options**
 - See who the Check was assigned by
 - See, edit, or end the Check's availability
 - View report data for that Check
- **Home Page**
 - Most recent assignments only
- **Assignments Page**
 - All assignments: past, current, future

The screenshot shows two main assessment options at the top: 'Competency Check' (with a green checkmark icon) and 'Practice Check' (with a target icon). Below these are 'Recent Assignments' with a table:

Name	Assigned By	Availability	Standard	Status
LL Practice Check	Monique Miller Teacher	Oct 8, 2025 11:11 AM - Jun 29, 2027 6:00 PM	6.EE.1	Open
Trevor Timmons Practice Check Multi-Standard Practice Check	Monique Miller Teacher	Jun 4, 2025 1:35 PM - Jun 29, 2027 6:00 PM	6.RP.1 6.EE.1 6.G.1	

A dropdown menu is open for the 'LL Practice Check' row, showing options: 'MANAGE WINDOW', 'End Check Now', 'Edit Availability', 'STANDARD OPTIONS', and 'Assign New'.

The screenshot shows the 'Assignments' page with a sidebar menu on the left containing: Home, Assignments (highlighted), Reports, Class Rosters, Learning Library, Math, English, Science, Social Studies, and Support Hub. The main content area has filters for 'Class' (All Classes), 'Assigned by me only' (checkbox), 'Type' (All), 'Status' (Open & Upcoming), and a search box. A table of assignments is displayed below:

Name	Assigned By	Availability	Standard	Status
LL Practice Check	Monique Miller Teacher	Oct 8, 2025 11:11 AM - Jun 29, 2027 6:00 PM	6.EE.1	Open
Trevor Timmons Science Practice Check Demo Practice Check	Navy Demo Administrator District Admin	Jun 9, 2025 8:33 PM - Jun 29, 2027 6:00 PM	MS-LS1-2	Open
Social Studies Demo Questions Practice Check	Navy Demo Administrator District Admin	Jun 6, 2025 4:20 PM - Jun 29, 2027 6:00 PM	UM.E2.CNST	Open
Navy Demo Science Questions V1 Multi-Standard Practice Check	Navy Demo Administrator District Admin	Jun 6, 2025 1:39 PM - Jun 29, 2027 6:00 PM	4-ESS1-1 MS-LS1-2 HS-PS1-5	Open
Math Sample Items 3 Multi-Standard Practice Check	Navy Demo Administrator District Admin	Jun 6, 2025 12:18 PM - Jun 29, 2027 6:00 PM	2.MD.2 6.RP.1 A-REI.4	Open



How could you use Competency and Practice Checks in your practice?

Review Results

With Navy Class and Student Reports

Class and Student Reports

Reports

Class Reports



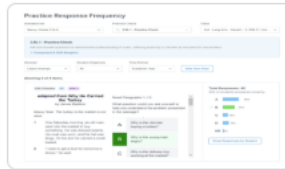
Roster by Standard

See up-to-date learning profiles for your class and students.



Component Accuracy

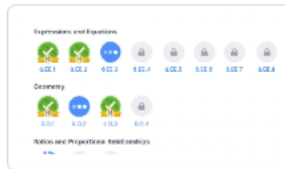
Compare class performance on individual components within a competency check.



Practice Response Frequency

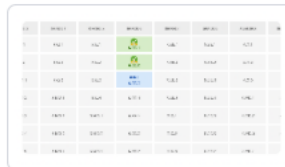
See student response frequency on individual items within a practice check.

Student Reports



Student Progress

See a student's progress in learning standards throughout the school year.



Learning Map

Map a student's learning journey across all grade levels, with a competency status for each standard in the subject.

Export ▾



Explore Reports

Log in

Log in to the Navy sandbox account.

Explore

Explore the Roster by Standard Report and Student Progress report for one student .

Bonus

Explore the Component Accuracy Report, Practice Response Frequency Report, and Learning Map.

Consider

How could you use each report in your school?

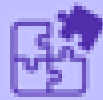
10:00

What question can you answer with this report?



Roster by Standard

Which students have fully learned the standard, and which need more support?



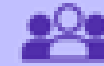
Practice Response Frequency

What are the common mistakes, misunderstandings, or misconceptions?



Learning Map

What does this student's learning journey look like over time?



Component Accuracy

How does their learning compare in each component of this standard?



Student Progress

How is the student's learning in the course progressing at this point in the year?




Progress Details

Which parts of the standard does the student need more support with?

Other Considerations

Navvy's Learning Library

Answer the question "What's next?" and deliver quality, aligned, targeted instructional interventions.



Learning Library


Math English

[Reset Filters](#)

Grade Level: Grade 6 Domain: The Number System Standard(s): 6.NS.4 Activity Type: All

Showing 1 - 3 of 3 activities [Expand All](#) | [Collapse All](#)


6.NS.4



Standard Starter

Students find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. They use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor. For example, express $36 + 8$ as $4(9 + 2)$.


6.NS.4 1 File composite number Distributive Property equation equivalent expression factor greatest common factor (GCF) least common multiple (LCM) multiple prime number sum



Factor and Multiple Jeopardy

Students review how to identify the least common multiple of two whole numbers, then review how to find the greatest common factor. They write the sum of two whole numbers with a common factor as a product using the distributive property. They practice identifying the LCM, GCF, and equivalent expressions that use the GCF and distributive property.

6.NS.4 5 Files composite number Distributive Property equation equivalent expression factor greatest common factor (GCF) least common multiple (LCM) multiple prime number sum



Factor and Multiple Match

Students write the sum of two whole numbers with a common factor as a product using the distributive property. They practice identifying the LCM, GCF, and equivalent expressions that use the GCF and distributive property.

6.NS.4 5 Files composite number Distributive Property equation equivalent expression factor greatest common factor (GCF) least common multiple (LCM) multiple prime number sum

The Student Experience + Navy Orientation Checks

Navy Student Experience: "My Checks" Dashboard

NAVY My Checks Progress Learning Map Alexa A. ▾

My Checks

All Subjects Math English Science Social Studies

Competency Checks

MATH - COMPETENCY CHECK Attempt 1 Available until: Jul 13, 2024 12:24 PM [Take Competency Check](#)

6.EE.3 - Grade 6: Expressions and Equations 3

Practice Checks

MATH - PRACTICE CHECK Available until: Jul 15, 2024 10:25 AM [Take Practice Check](#)

6.G.2 - Grade 6: Geometry 2 Practice

ELA - PRACTICE CHECK Available until: Jul 15, 2024 10:24 AM [Take Practice Check](#)

RI.6.5 - Grade 6: Informational 5 Practice

New to Navy? Try out an [Orientation Check](#).

Navy Student Experience: Taking a Check

Grade 6: Geometry 2 Practice / Section 1

1

The model shown is a rectangular prism. Each cube in the prism has an edge length of $\frac{1}{4}$ inch.

What is the volume of the prism?

A $\frac{15}{4}$ cubic inches

B 120 cubic inches

C 30 cubic inches

D $\frac{15}{8}$ cubic inches

Section 1: Item 1 of 3 [Next →](#)

Orientation Checks are offered at every grade level and subject, to introduce your students to the look and feel of Navy Checks without performance concerns.

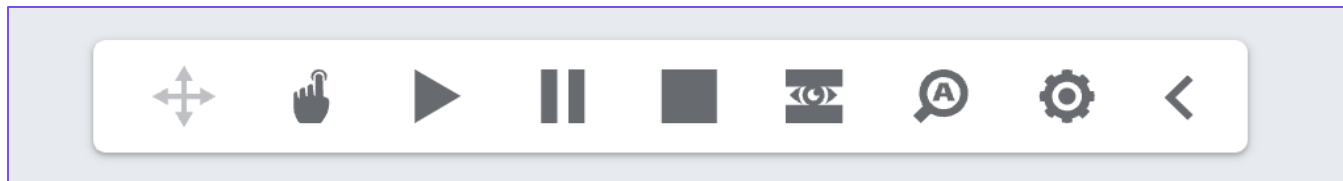
Accessibility Settings + Spanish Delivery

Class Rosters

Math Grade 6 [Math] [Gr 6]

Math Grade 6 - Miller - A 10 students

STUDENT	Learning Map >	Course Progress >	Accessibility Options >
Alexa Allende			
Bobby Brass			



TTS Configurable by Student

Alexa Allende

Math Accessibility

None

Math Text-to-Speech

This option turns on the text-to-speech toolbar for the student. Marking a student eligible for text-to-speech does NOT disable shuffling of questions and responses.

ELA Accessibility

None

ELA Text-to-Speech

This option turns on the text-to-speech toolbar for the student. Marking a student eligible for text-to-speech does NOT disable shuffling of questions and responses.

Science Accessibility

None

Science Text-to-Speech

This option turns on the text-to-speech toolbar for the student. Marking a student eligible for text-to-speech does NOT disable shuffling of questions and responses.

Social Studies Accessibility

None

SS Text-to-Speech

This option turns on the text-to-speech toolbar for the student. Marking a student eligible for text-to-speech does NOT disable shuffling of questions and responses.

TTS Configurable by Subject

Calculators in Navy

	Calculator(s) Available
Grades K-5	None
Grade 6	Five Function, Handheld
Grades 7-HS	Scientific, Graphing, Handheld

- For most math standards in grades 6-HS, calculators are permitted. The type of calculator available varies by grade level and by standard within the grade level.
- Navy uses three types of Desmos calculators:
 - **Five Function (Basic) Calculator:** Students can perform five functions: addition, subtraction, division, multiplication, and square root.
 - **Scientific Calculator:** Students can perform a range of functions, including general math, algebra, trigonometry, and statistics.
 - **Graphing Calculator:** Students can graph functions, plot points, visualize algebraic equations, add sliders, and animate graphs.

Revisiting Navvy's Theory of Action with a New Lens

Checking Understanding Phase

- If it isn't **timely**, we can't use it
- If it isn't **accurate**, it could misguide our next steps
- If it isn't **specific**, we can't act on it

Plan

Make a plan to address student needs using Navvy's **instructional resources**

Teach

Provide instruction and learning opportunities for students

Reflect on Results

Use **Roster by Standard, Component Accuracy**, and **Practice Response Frequency** reports to review data and identify student learning needs.

Check Understanding

Assign standards-level **Competency Checks** and **Practice Checks** to measure understanding.



Learning Objectives



Understand Navy as a comprehensive formative assessment system.



Utilize Navy Competency Checks and Practice Checks.



Become familiar with Essential Navy reports.



What are you most excited about using in Navvy?

Resources:

- Navy Support Hub
- Navy Educator Handbook
- Office Hours
- Navy Community Support
 - Help Ticket in Navy
 - Call 1(215)966-5276
 - M-F, 7:00-6:00 CT



2024-2025
Educator Handbook



» Pearson

Post – PD Feedback Survey

Session: Navy Essentials for Teachers

Presenter: Amanda Drahn

