

Eliminate Gaps in Math Learning

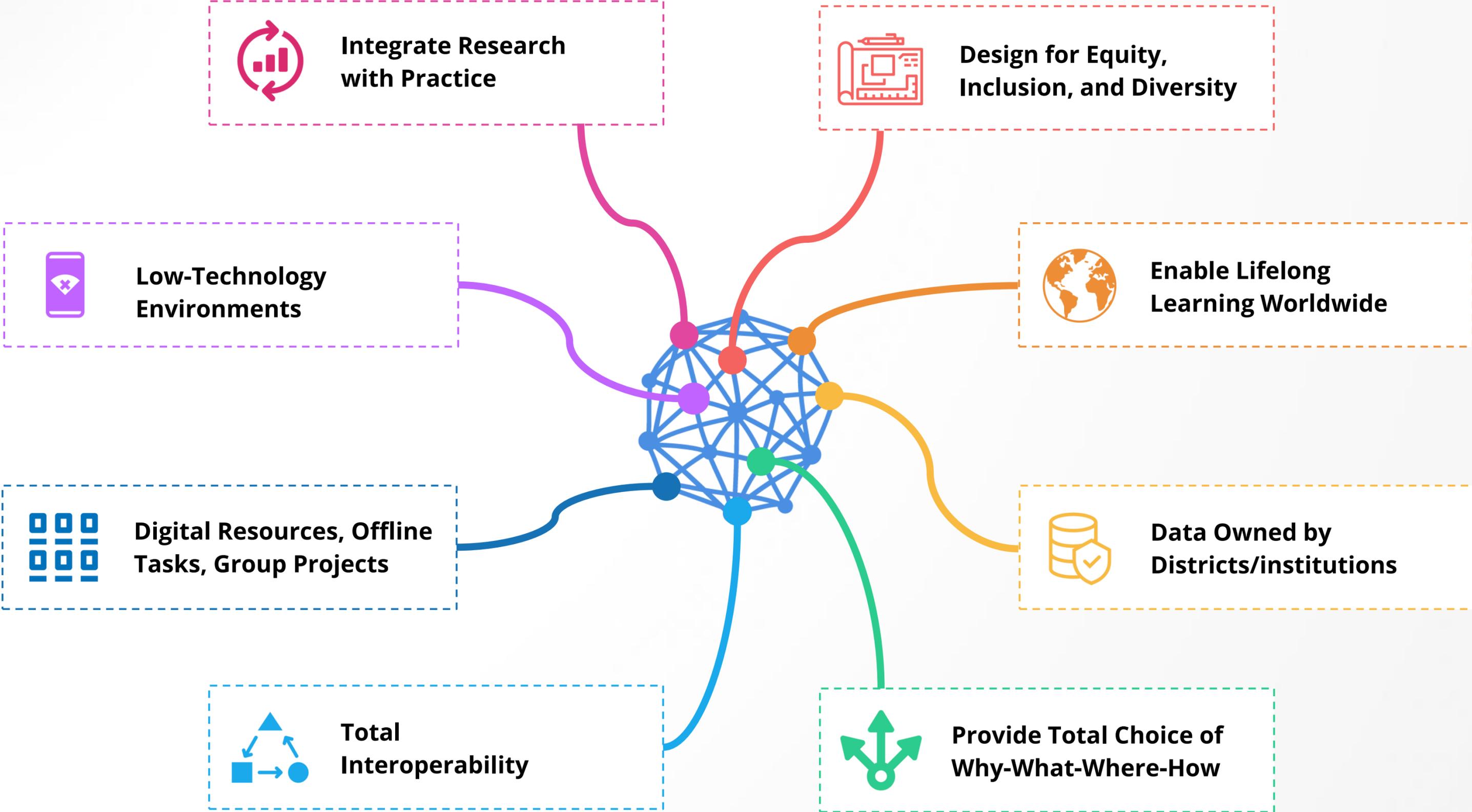
*Gooru Navigator,
a GPS for learning*



gooru

{pram, hannah}@gooru.org

Requirements to Address the Systemic Complexity of Learning



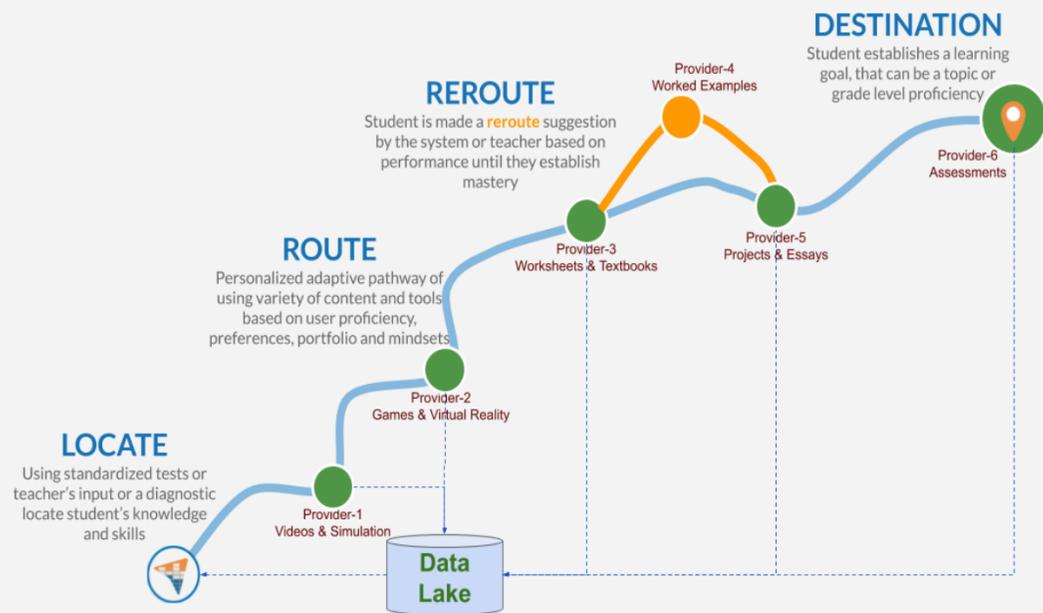
Learners Need a “GPS for Learning”

Total Choice: Equity, Inclusion, and Diversity



How Do We Locate the Learner with Precision?

1.



Gooru Navigator creates unbiased, personalized pathways based on a learner's current knowledge and offers optimum learning resources for each student.



2.

	KNOWLEDGE	MINDSETS	CITIZENSHIP
Quiz: Similarity	Relevance 0.50	Engagement 0.58	Efficacy 0.50
Prove Similarity (8.G.4)	Relevance 0.51	Engagement 0.42	Efficacy 0.50

50%

60%

All students start from their current competencies and knowledge and where they want to go.

Math Navigator: Grades 2-High School

Question
Use the triangle below to find the value of h .

Answer
Please select the correct answer, and click 'Next':

- (A) $73 \sin (16.4)$
- (B) $5 \sin (73)$
- (C) $16.4 \sin (73)$
- (D) $16.4 \cos (73)$

ADD EVIDENCE
→ EVIDENCE Upload File

Students take a diagnostic assessment to determine where their personalized Learning Journey starts.

Math - Grade 4	78%	14
Math - Grade 5	73%	13
Math - Grade 6	74%	18
Math - Grade 7	67%	24
Math - Grade 8	65%	24
Geometry	59%	24
Corresponding lines/segments are the same length		
Lines and Segments		11h 16m 23
CFU - Corresponding lines/segments are same length	59%	24

Each student has an individual learning journey with a full spectrum of resources in grades 2-HS to fill gaps and accelerate learning.

RUBRIC
Answer this rubric to complete your activity.

TEACHER

Shows complete understanding of concepts
5/5

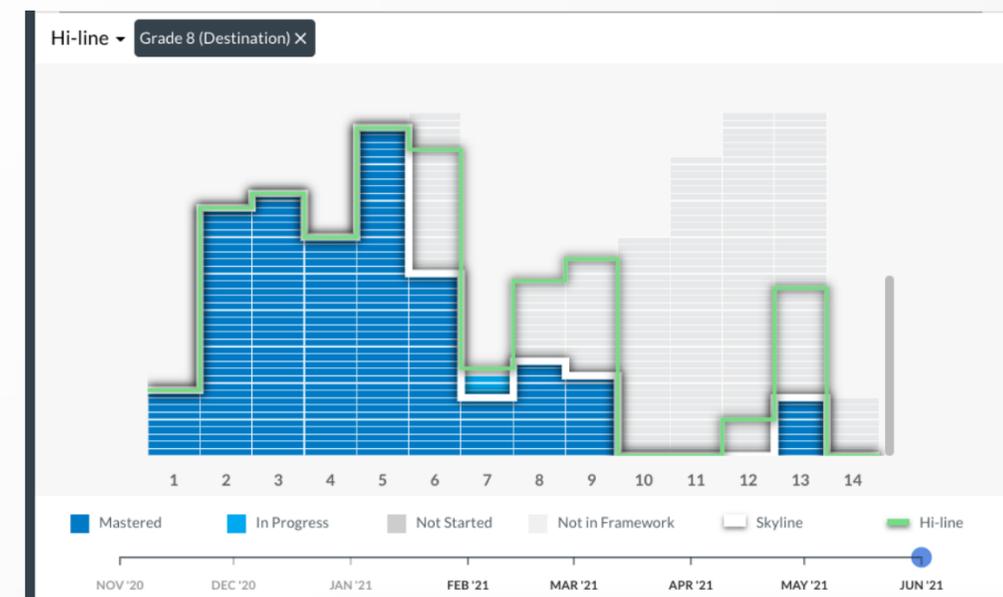
Mathematical skill
3/5

Work Habits
5/5

Great job showing your work!

SUBMIT

Rubric graded offline activities give students an opportunity to demonstrate proficiency and a greater depth of knowledge.



Students can monitor their progress by viewing their Skyline at any time. The Skyline dynamically updates as students master material.

For the past 3 years, high school students using Math Navigator achieved 2.8 years of growth in one year

LEADERSHIP PUBLIC SCHOOLS



Low-income

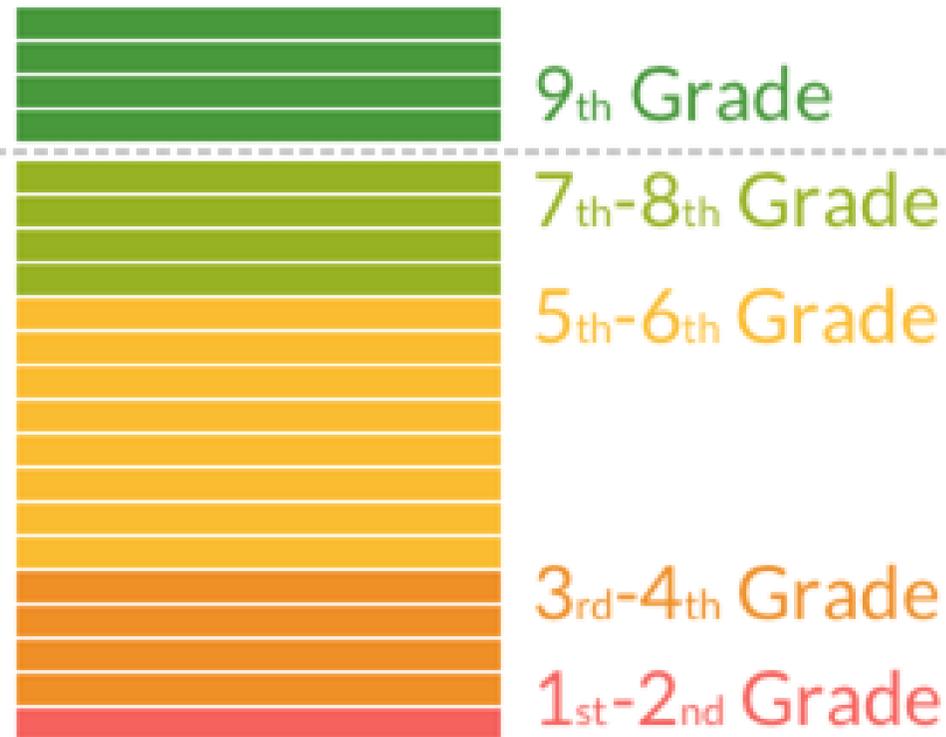


First in family to go to college

URBAN EDUCATION

- Pre-algebra & student agency
- Avg. of 2.8 years of growth per year measured by NWEA MAP
- Taught across 3 schools by teachers ranging from first year to veterans

80% of incoming freshmen enter with math skills below 9th grade



[Christensen Institute Report, July 2016](#)

The above results are not from navigator for math, but, from a research prototype called navigate math which also included extensive classroom practices and non-cognitive skills development.

Get Started Today!

1

Message Your Students

- Share a link with your incoming freshmen
- You can also invite sophomores, juniors, and seniors

2

Students Sign Up

- Create an account, take a diagnostic, and get personalized routes
- Start studying to close gaps in math knowledge

3

Ongoing Support

- Asynchronous modules for instructors
 - In-product support
 - Community forum to ask questions
 - 5AM-5PM PT user support by phone or e-mail
-

Subsequent Setup

4

Complete Rostering

- Roster learners, instructors, administrators, etc. using OneRoster sync
- Set up classes in Navigator for instructors and learners based on information in OneRoster

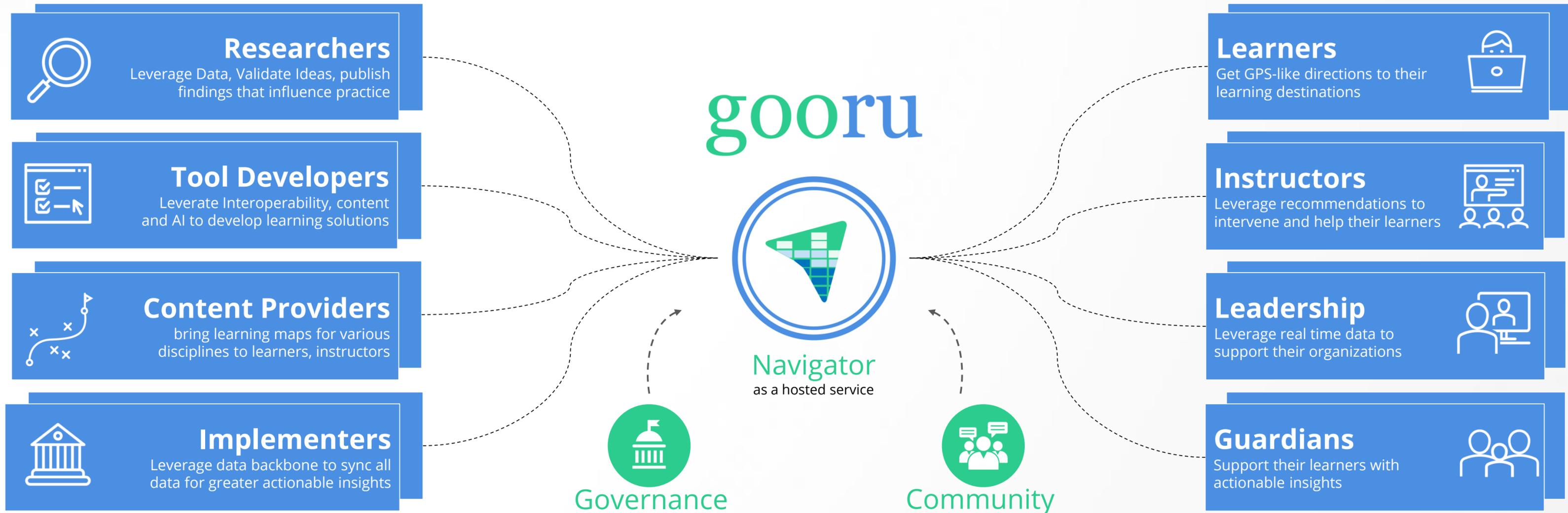
5

Set Up Mission Control

- Setup Mission Control access for leadership

Gooru Operates Navigator with Community Governance

Applications for All Stakeholders; 7.5M Learners; Teacher Professional Development



Learn More about gooru.org

- [Explore as Guest](#)
- Download mobile app to learn and explore

AppStore

PlayStore

Web App

- Read many [diverse users' case studies](#)
- Read about the [research on efficacy](#)
- Join the [Navigated Learning Collaborative](#)



Navigator, a "GPS for learning"

gooru
pram@gooru.org