

# Onboarding Partners

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## Overview

Gooru is focused on being “engineers for education”. As a result, Gooru relies on a number of partners within the education ecosystem to honor the human right to education. Partners include researchers, curriculum designers, implementers, tools providers, and funders. Learning Navigator, or simply Navigator, is the product developed by Gooru. Navigator provides evidence of learning and reach to the partners. Through Navigator as a learning exchange, Gooru brings together ecosystem partners necessary to ensure strong learning outcomes for the students.

This document outlines the different partner types and how they will interface with Gooru in their roles. As a reference throughout the document here is a [Gooru Glossary](#).

## Introduction to the Learning Navigator

Partners have to obtain an overall understanding of Navigated Learning and the Learning Navigator tool from a student and teacher perspective. Here is a list of important documents that will provide the overview.

1. [Elsy and Ms. Smith: A Gooru Story](#) and [Navigate Math with Leadership Public Schools](#) are two videos that outline the user stories for students and teachers of their experience with Gooru’s Learning Navigator.
2. [Navigated Learning Overview](#) - Presentation outlining the concepts around Navigated Learning and outlining how the Learning Navigator enables it.
3. [Learning Navigator - a GPS for Learning](#) - Document that highlights how educators use the Learning Navigator to facilitate instructions for a class.
4. [Navigator for Math Demo Script](#) - This document provides a demo script for a class that is fully setup with students at various levels of performance. The demo class uses the Navigator for Math course.
5. [Navigator Demo Presentation](#) and [Mission Control Demo Presentation](#) - These presentations with screenshots are a quick way to see the user experience for different stakeholders without signing-in to the Navigator.
6. [Learning Navigator Postcard](#) and [Navigated Learning Poster](#) - These provide a quick overview of Gooru’s innovation and strong outcomes.

## Partner Ecosystem

There are different types of partners who can engage with Gooru to enhance Learning Navigator and provide services to the consumers. They can be classified into

- Implementation partners implement Navigator in schools

- Content development partners build different competency frameworks and content for them in different languages on the platform
- App development partners integrate their existing applications with Navigator to offer Navigator capabilities to their users
- Tool development partners provide tools for consumers that can be integrated into the Navigator. For example, a test practice tool that users can find and launch from Navigator.
- Research partners work with Gooru and use the Navigator to provide a pathway to impact their work on the science of learning and data science applied to learning.
- Development partners use Navigator capabilities to develop new applications for other stakeholders in the system such as parents, pre-school teachers or administrators

To become a partner with Gooru, please send an email to [partner@gooru.org](mailto:partner@gooru.org).

## Partner Workflows

### Implementation Partners

As an implementer, you will implement Navigator in the schools. The process to bring on board the teachers and students of the school includes establishing the tenancy for the state, district or school, identifying and enabling the sign-in model and rostering the teachers and students.

#### Step 1

[Set up Tenancy](#), if the schools where you are implementing cannot belong to an existing tenant. If you are implementing in a set of schools in a district, and there is no tenant set up for the district then you will need to set up tenancy.

#### Step 2

[Setup SSO](#) model for the tenant.

#### Step 3

[Set up rostering](#) to onboard the teachers and students into Navigator.

#### Step 4

[Set up the library](#) for the schools, if required.

#### Step 5

Once the implementation is completed and the teachers and students start using the Navigator, you will get access to various reports about the teachers and students in the schools that you are implementing.

## Content Development Partners

As a content development partner, you can index your content into the Navigator and make accessible to the users of the Navigator. You can create collections, assessments and courses from the indexed content that teachers can use in their classes either to teach a course or use in class activities on the Navigator. The [Navigator Content and Metadata Framework](#) describes the content and course structure and the metadata framework. You will also either design new competency models in collaboration with Gooru or extend existing Navigator competency models or crosswalk your competency models if Navigator already has one in your domain. The [Navigator Competency Model and an example to extend the model](#) provides a quick overview of the Navigator competency model.

### Step 1

Create an account on Navigator, if you don't have one.

### Step 2

#### Competency Model development

If you are designing a new competency model you will create the competency model as per this [Competency Model Template](#). Download a copy of the template and fill it out. Note that sequence is important -- the standards will be sequenced as they appear in the sheet. Designer should consider aspects like prerequisites and increasing complexity of competencies in arriving at the sequence.

If you are extending an existing Navigator competency model, by either adding a domain or extending the competencies in the domain, use the above template to add those extensions and send it to us.

If you have a framework that can be mapped to an existing Navigator competency model, you will crosswalk your framework to the Navigator competency model using this [template](#). Send a request for the template of the competency model that you need to crosswalk and fill out the crosswalk information as per the template.

Developing the competency model also requires you to:

- Provide additional metadata and progressions for the model. Follow this [example](#) of K-12 Math to define the metadata and progressions for your model.

- Define Alt concepts and/or common student struggles. Alt concepts are misconceptions that students have for a competency. Identifying these will help better navigate the students during their learning journey. Follow the structure and examples given in this [template](#). Download and fill out the template, as applicable for your competency model

Once the competency model definition is complete, upload the spreadsheets to Navigator using the competency model APIs

## Content Development

In order to ingest your content into the Navigator, you can either create your content using the content ingestion templates or use Navigator's content API to index your content into the Navigator.

Download this [content template](#) and fill out the appropriate sheets based on your content. Having more metadata fields filled out for each content will help in leveraging Navigator's capabilities.

Once the template has been populated with the content details, you can upload the content into the Navigator using the content API.

In order for students to demonstrate mastery in your framework model, you will need to develop signature collections and assessments for each competency, as per the signature [content development quality requirements](#). Follow the steps in this [document](#) to create the collections and assessments for the signature content.

## Navigator Course Development

Navigator courses have the content and course structure defined in the [Navigator Content and Metadata Framework](#). In order to enable the navigation experience with the course for your learners, the course development has to follow certain rules. The document [How to create a navigator course](#) describes the steps to follow to build a Navigator course for your subject of interest.

### Step 3

After you have indexed the content into the Navigator, you will be able to access them in your account.

### Step 4

You can get access to the reports about the usage of your content, the competencies gained and other metrics.

## App Development Partners

If you have your own applications with a user base and want to leverage Navigator capabilities to extend the services to offer to your users, you can become an Integration partner. As an integration partner, you integrate with Navigator using server-to-server interactions.

### Step 1

[Set up Tenancy](#)

### Step 2

Set up Identity provisioning for [server-to-server](#) interactions.

### Step 3

Define flows in your application and build server-to-server interactions using Navigator APIs for [Catalog](#), [Learning Map](#) and [Suggestions](#). Use [Learner profile](#) APIs to access data about the learners.

### Step 4

You can get access to the reports about usage of APIs, [catalog](#), [suggestions](#) served and data about learners.

## Tool Development Partners

As a tools development partner, you can align your services with the Navigator to reach Gooru users by enabling them to use the tool and monitor their learning outcomes. You can also leverage Navigator's open curated catalog to enhance the capabilities of their tools for your users. You can integrate with the Navigator to make your services accessible to the Navigator users and track their learning. You have access to the Navigator's complete [catalog of curated open learning activities](#).

### Step 1

Contact Gooru with necessary detail for enabling SSO to your tool.

### Step 2

Use [Data In](#) APIs to send data about learners' activities in your tool. Optionally, leverage Navigator's open catalog using the Content APIs to enhance the capabilities of your tool.

### Step 3

Use [Learner profile](#) APIs to get data about the learners who are using your tool.

#### Step 4

Once these have been provisioned, users on Navigator will be directed to use your tool and you can track the learners' proficiency and progress.

## Research Partners

Researchers can use the Navigator to provide a pathway to impact to their work on the science of learning. Millions of students can gain from their work and Gooru will facilitate the researchers engagement with the schools and the user communities to obtain anonymized data. For a more in-depth understanding, research partners can read [Science of Personalizing in Blended Learning](#) - High-level summary of the science underlying the Navigator. To follow impact of Navigated Learning where Leadership Public Schools' students have had 2.8 years of growth per year for 3-years in a row as measured using NWEA MAP scores, among low-income and minority students, research partners can read [Evidence of Outcomes with Navigator - Christensen Report](#).