#### **PENDOMONIUM 2023**

How to revolutionize your product development process and build breakaway products with customer feedback







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# 61% of teachers report that their work is always or often stressful, compared to 30% of other U.S. workers

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Innovative tools in education provide teachers with more precious time and alleviate a significant portion of their workload, allowing them to focus more on actual teaching and connecting with students.

#### **HMH Mission**

#### **Elevating the Potential of All Learners**

The learners of today will shape the world of tomorrow. HMH brings learning to countless students and teachers—transforming lives, supporting communities, and making our society more just and inclusive for all.

We offer a connected system of research-backed solutions, where assessment drives instruction and learning can be personalized to meet students' needs.



#### **Our Impact**

**90%** of U.S. K–12 schools use HMH core, intervention, and supplemental programs

**50M** students in 150 countries use HMH's research-backed learning programs

average years of student growth can be gained in one year by using HMH intervention solutions



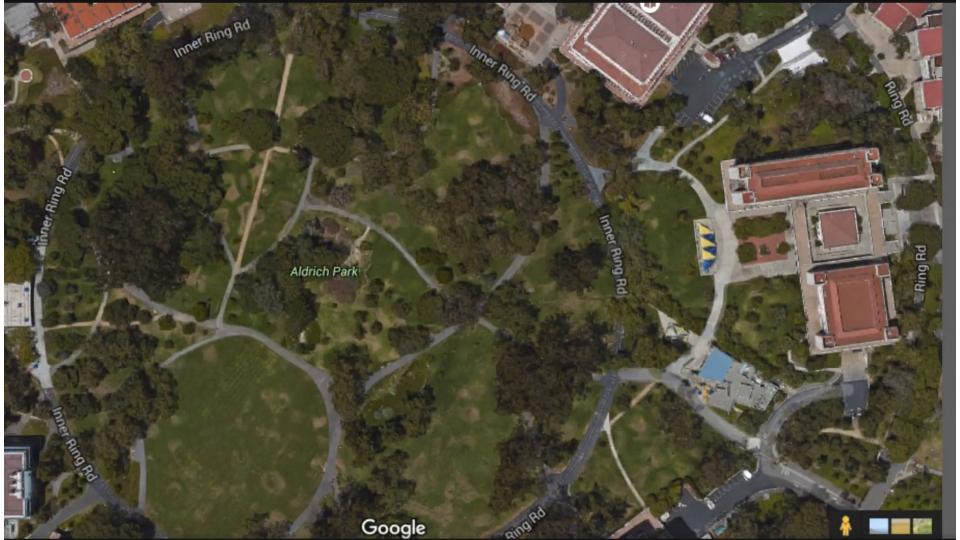
# The Power of Customer Feedback



#### Why User Feedback?

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Collecting and analyzing user feedback is vital for adaptation and innovation as it provides a direct line to understanding user needs, preferences, and pain points.







# "Design for real life, launch to learn and stay responsive." - Tom Hulme



## You will get answers to the following questions at the end of this session:

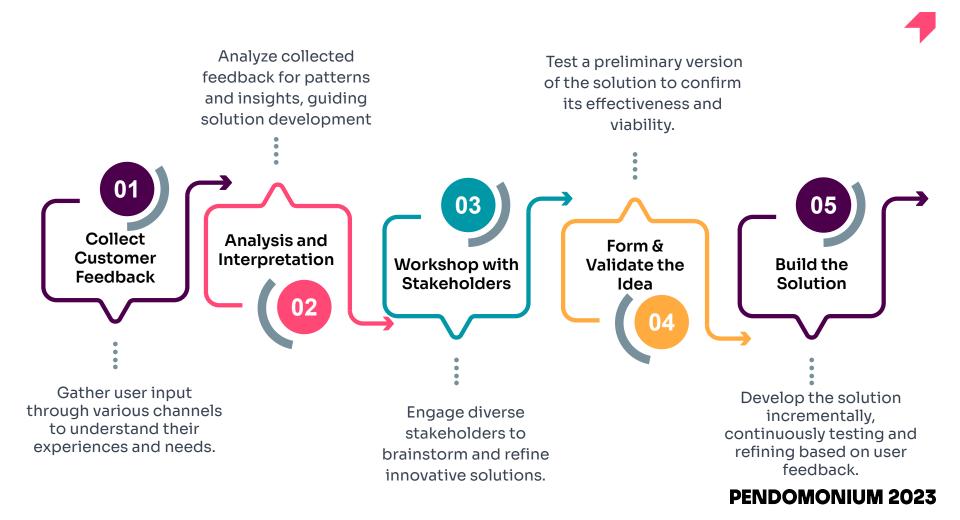
- → What are effective strategies for collecting and analyzing customer feedback?
- → How can customer feedback be utilized to create an innovative product?

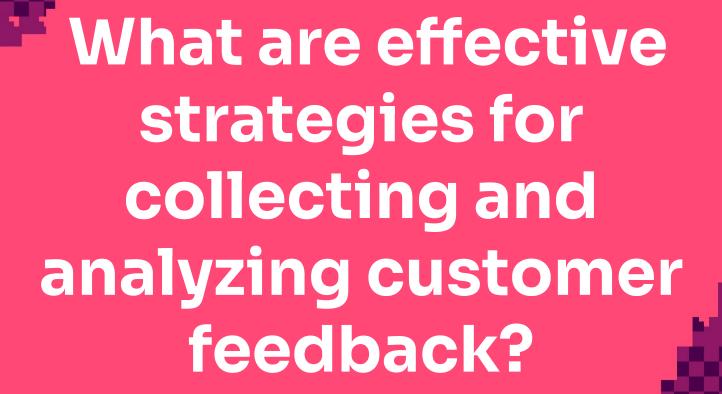


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  - <u>('')</u>

Bonus: We will provide a template of our workshop





#### **Collecting Customer Feedback**



#### Strategies for gathering feedback from various sources

- UX Research: usability testing, user interviews, surveys, ethnographic research
- NPS Net Promoter Score collected via Pendo
- NPS Net Promoter Score collected via email
- Spontaneous Customer Feedback (via Pendo)
- Customer Support Interactions
- Social Media Monitoring (HMH Facebook group)
- ☐ Sales and Customer Success teams

#### **Collecting Customer Feedback**

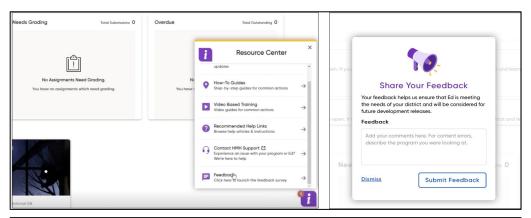


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#### **Collecting Customer Feedback via Pendo**





→ Spontaneous user feedback through Resource Center

Into Math & ¡Arriba las Matemáticas! Grades K-5				0 0	
4 Topics Progress	Topic 1 Inside the Into Math Classroom   Dentro del Arriba las Matemáticas! salón de clase	Topic 2 Prepare for Yaur First Two Weeks   Prepárese para las primeras dos semanas	Topic 3 Differentiate with Small Groups and Centers   Personalizar con grupos pequeños y centros	Topic 4 Inform Instruction with Assessments and Data   Informar la enseñanza con evaluaciones y datos  40 mia I live Swent Start	
On a scale of 0 to 10, how likely are you to recommend the HMH Ed platform to a friend or colleague?  Not at all May 0 1 2 3 4 5 6 7 8 9 10 Extremely likely					
Please tell us the main reason for your rating:  Enter text here					
Submit					

→ Solicited user feedback through NPS

#### **User Representation from Various Sources**



#### Potential or new users

#### Engaged users

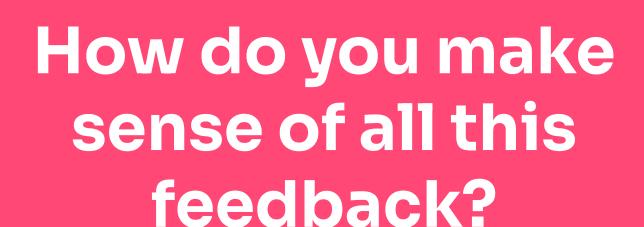
#### Disengaged users

- User research
- Sales and CustomerSuccess teams

- Facebook Group
- Spontaneous feedback via Pendo
- NPS via Pendo

NPS via email

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#### **Analyzing and Interpreting Customer Feedback**



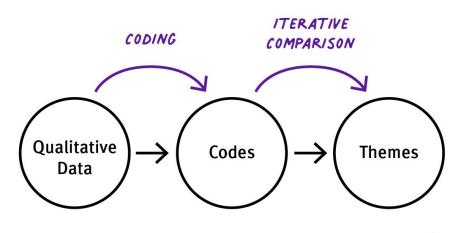
☐ Thematic analysis

Identifying recurring themes and patterns within customer feedback to gain deeper insights into their preferences and concerns

Quantifying customer feedback

This transforms subjective opinions into objective insights, guiding your decisions and actions towards delivering a product or service that better aligns with your customers' preferences and needs

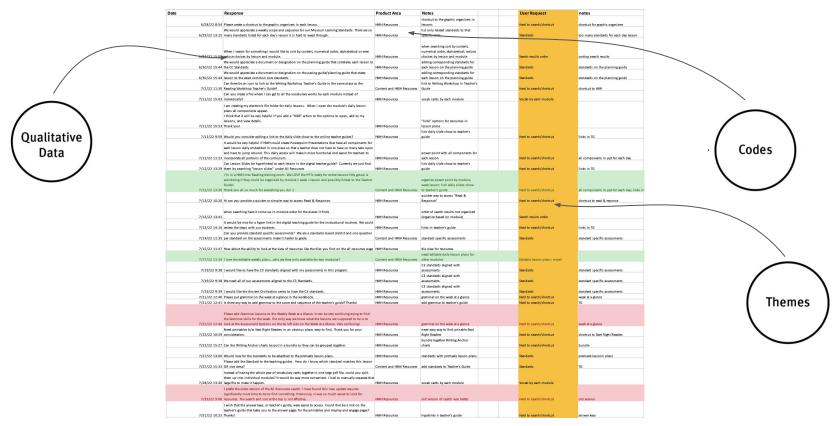
#### **Thematic Analysis**



NNGROUP.COM NN/g

#### Analyzing and Interpreting Customer Feedback





Listening to your customers is essential, but it's equally important to interpret their feedback wisely.

#### **Analyzing and Interpreting Customer Feedback**



A

"I need a way to archive and/or delete the assessments so I don't end up with a giant list of different versions of tests when I create my own editable assessments." В

"Could the slides for the foundational skills and lesson be linked on the teacher guide. It takes so long to find them. They are all mixed up when you search for them."

The customers have pointed out a clear problem with the current system, which is the presence of outdated assessments that clutter the platform and might confuse teachers

→ Action here would be for the development team to implement a feature that allows teachers to delete or archive assessments they no longer need "I need a way to archive and/or delete the assessments so I don't end up with a giant list of different versions of tests when I create my own editable assessments." PENDOMONIUM 2023 В

"Could the slides for the foundational skills and lesson be linked on the teacher guide. It takes so long to find them. They are all mixed up when you search for them."

The feedback indicates a broader

JTBD - teachers want to easily access
and navigate through the various
resources available in the curriculum
materials

→ Action would be for the team to brainstorm more innovative ideas to enhance the platform's navigation in order to provide seamless experience when teachers planning their lessons

Customers are looking for solutions, not just features. Focus on solving their needs, not implementing their exact requests.



# It is important to collect and analyze user feedback...



It is important to collect and analyze user feedback... but it is even more important to package and share customer feedback in a collaborative way to empower stakeholders and foster innovation in product development

#### **Transforming the User Feature Request Process**



#### **Analysis and Synthesis**

Extract and analyze the most important user feature requests received through the Ed platforms

#### **Quarterly Review**

Understand and monitor trends; share top user needs with cross-functional teams

#### **Document**

Create EDFR Jira tickets for the top 10 user requests

#### **Year-end Presentation**

Share key insights from user requests received over the year

# Last Year

#### **This Year**

We collaborated with the Product teams, and user requests were actively charted on the product roadmap.

#### **Analysis and Synthesis**

Extract and analyze the most important user feature requests received through the Ed platforms

#### **Quarterly Review**

Understand and monitor trends; share top user needs with cross-functional teams

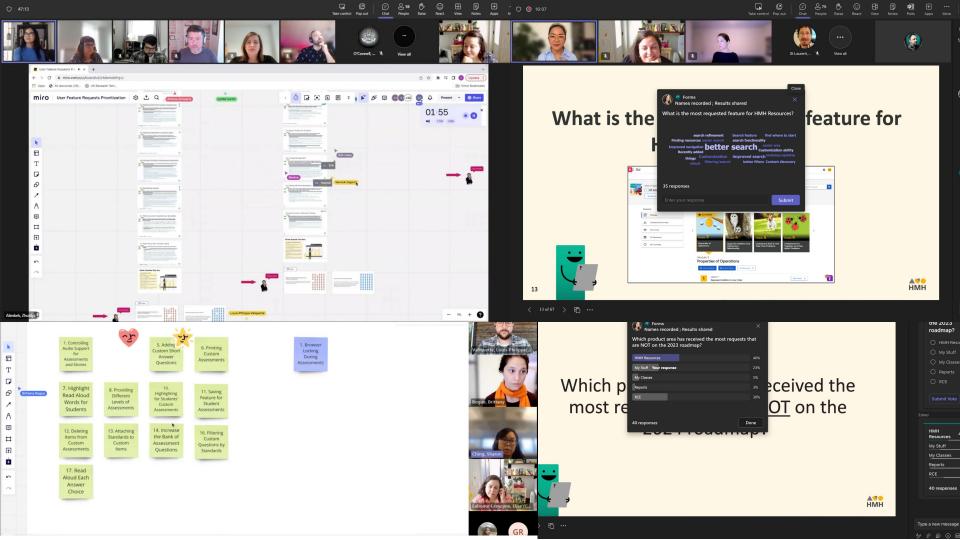
#### **Stakeholder Workshops**

Connect with stakeholders; align customer requests to the product roadmap

#### **Expanded Presentation**

Present key insights from user requests and alignment with product roadmap

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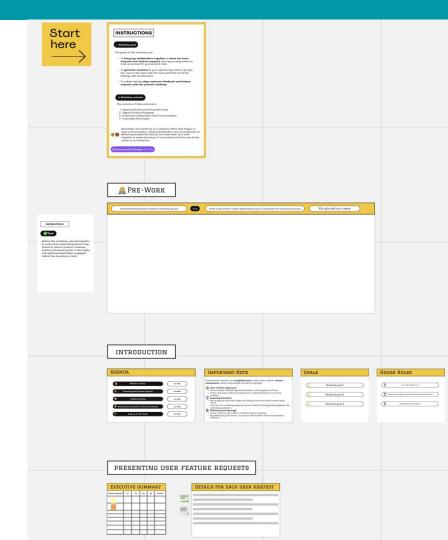


# **User Feature Requests Workshop**

#### Main goals of the worksop:

- To bring key stakeholders together to share the most frequent user feature requests and opportunity areas we have uncovered.
- To generate solutions to your opportunity areas in groups.
- To collaboratively align customer feedback and feature requests with the product roadmap.

Link to the template



#### **Post-Workshop Steps**



#### **Important Steps:**

- Validate the solutions with users
- Continuously conduct user research while building the product



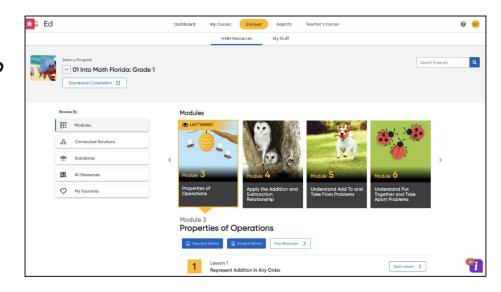
Monday morning arrives. As her students file into the classroom, Lucy logs back into the platform and opens her Playbook, which is cued up to show her today's bell-to-bell plan. Lucy clicks a "Ready to Go" button.

### **HMH Case Study**

"I wish it was more user friendly. There are too many steps to find what you are looking for."

"Please add all answer keys to the same document as the worksheets. It is hard to search, scroll through, and find answer keys to each worksheet. It takes way too much time."

"Could you please make the "Discover" page the homepage? When I log in to HMH, it is usually to use the content to teach my students. [...] The book content for teaching purposes should be the homepage because that is what we are accessing daily."



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What is the underlying problem?

It's not landing on "Discover", it is getting a quick access to their teaching materials

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Goal: Make content access as smooth and efficient as possible

What is the underlying problem?

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Opportunity Area: Leveraging dashboard as a vital space to enhance user experience by focusing on efficient content access and personalization

## **Project Example: Dashboard Improvements**



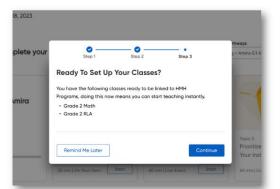
Further steps we took after getting user feedback via Pendo:

- User Research
- Analysis of Usage of Dashboard
- Concept Validation Testing
- Usability Testing

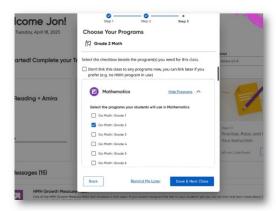
It's our job to understand the problems and formulate, and test innovative comprehensive solutions.

# Improvements to Onboarding

Upon their second log-in, teachers will now be prompted to associate their programs with their classes, increasing their awareness of which programs they have and improving their overall experience on Ed by ensuring they have access to the programs they use in their class

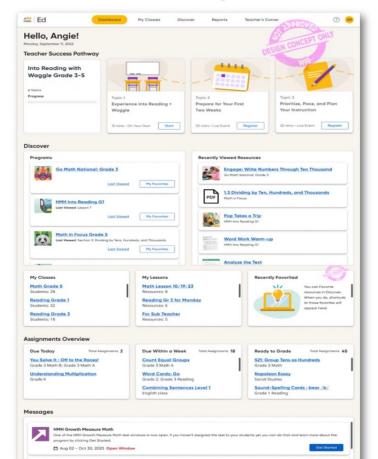


### Teacher provided with a list of their classes set up by their admin



Teacher prompted to choose the program(s) for their class

#### Teacher Dashboard – introducing a "Discover" section with 5 new widgets



## Increase Usage & Discoverability

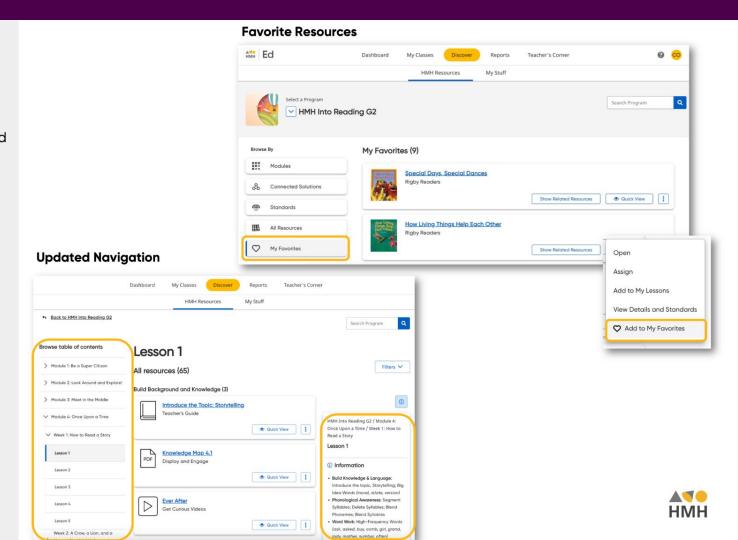
#### **Navigate with Ease**

The new table of contents and lesson overviews makes it easier and faster for teachers to browse lessons and find resources throughout the entire year.

#### **Favorite**

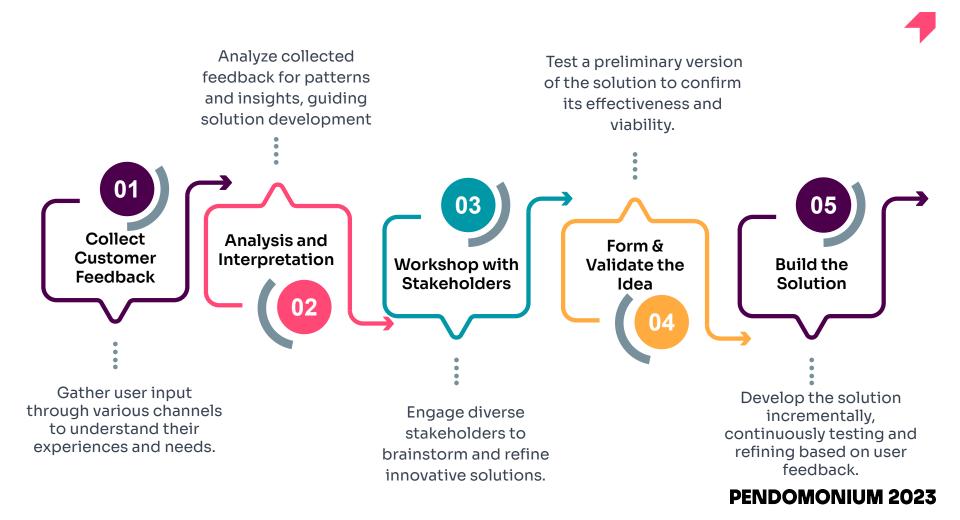
Grades K-12

Teachers can now favorite their resources to easily find later in their Favorite section





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# MONIUM 2023