

Bowen Li

Portfolio

2016

Curriculet Data Product

Curriculet is an e-reading platform that allows K-12 English teachers to assign full length books, news articles and web media. It tracks student progress and assesses student competency across a variety of ELA standards.

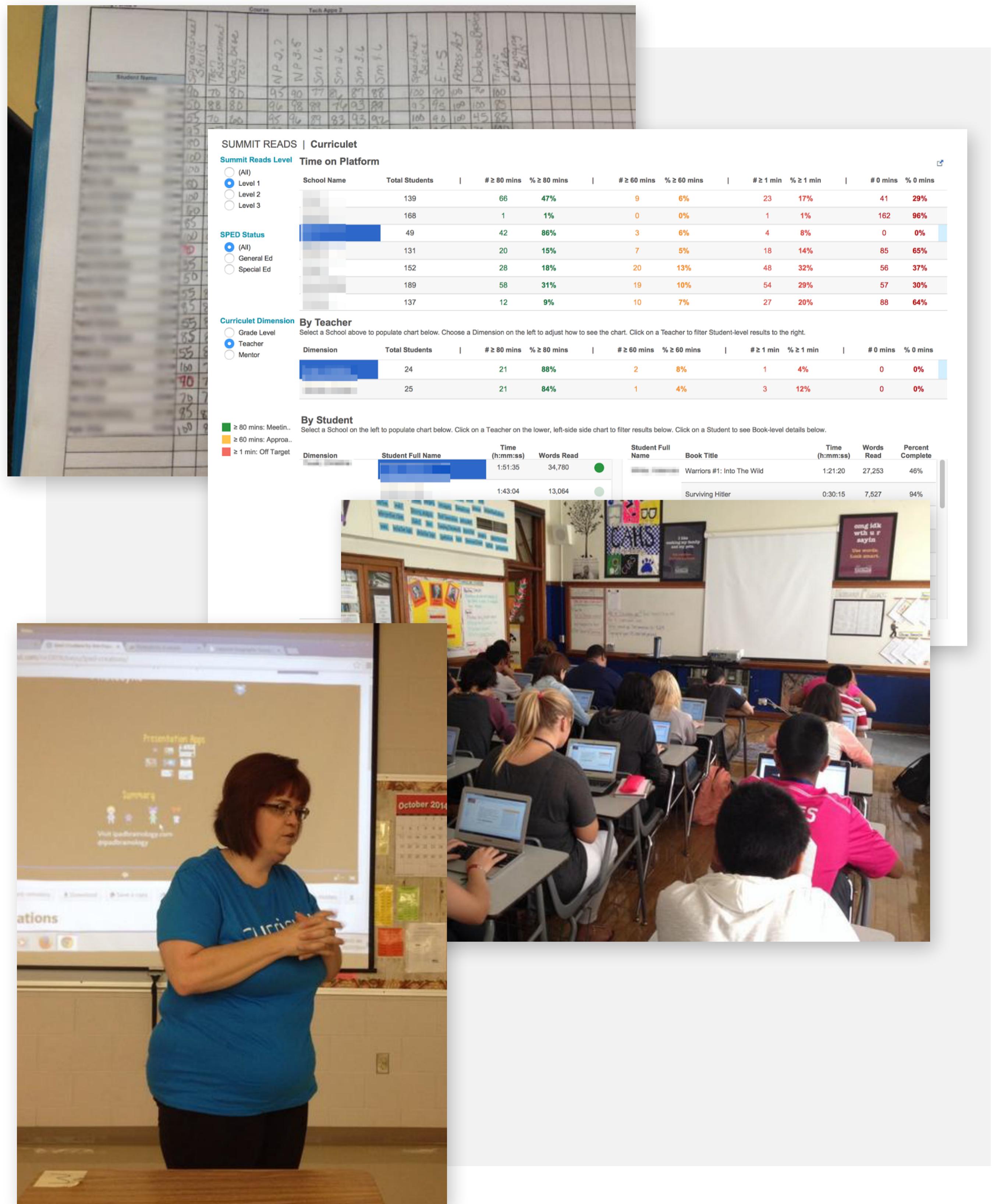
Understanding and using data to make classroom decisions is crucial to the lives of teachers. Conveying this information in a way that is helpful to English teachers is critical to the success of the product.

The screenshot shows the Curriculet library interface. At the top, there are navigation tabs: Book Bag, Library (which is selected), USA TODAY, and Progress. A user profile for 'Toph BeiFong' is shown with a dropdown arrow. On the left, there's a search bar with a magnifying glass icon and a 'Browse by Category' button. On the right, it says 'MY READING LEVEL 8th Grade' with an info icon. The main area features a grid of book covers from the 'THE CURRICULET LIBRARY'. A central banner reads 'Read Whatever You Like' and 'Thousands of books at your fingertips. How cool is that?'. Below this, a section titled 'Strong Female Protagonists' displays six book covers: 'Out of My Mind' (E), 'Matilda' (JR), 'Girl in Translation' (E), 'Fever 1793' (E), 'Pygmalion' (JR), and 'Pride and Prejudice' (JR). Each book cover includes its title, author, and a small circular badge indicating its reading level.

Research

Because teacher time is extremely limited,
understanding where Curriculet can enable the teacher
to most efficiently utilize data is crucial.

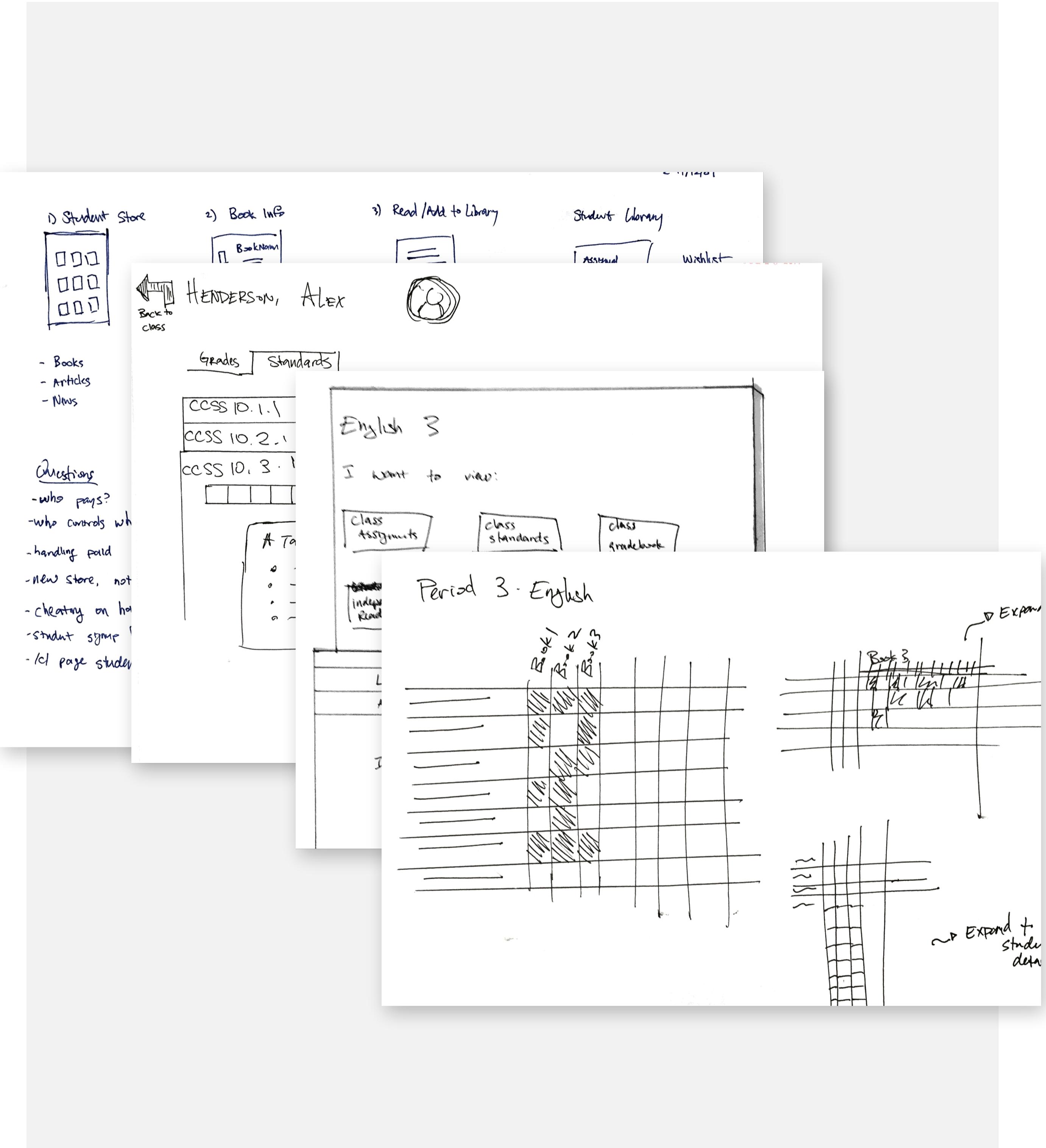
I spent many sessions embedded in the classroom
understanding how teaching is evolving in a digital
world.



Initial Designs & Iteration

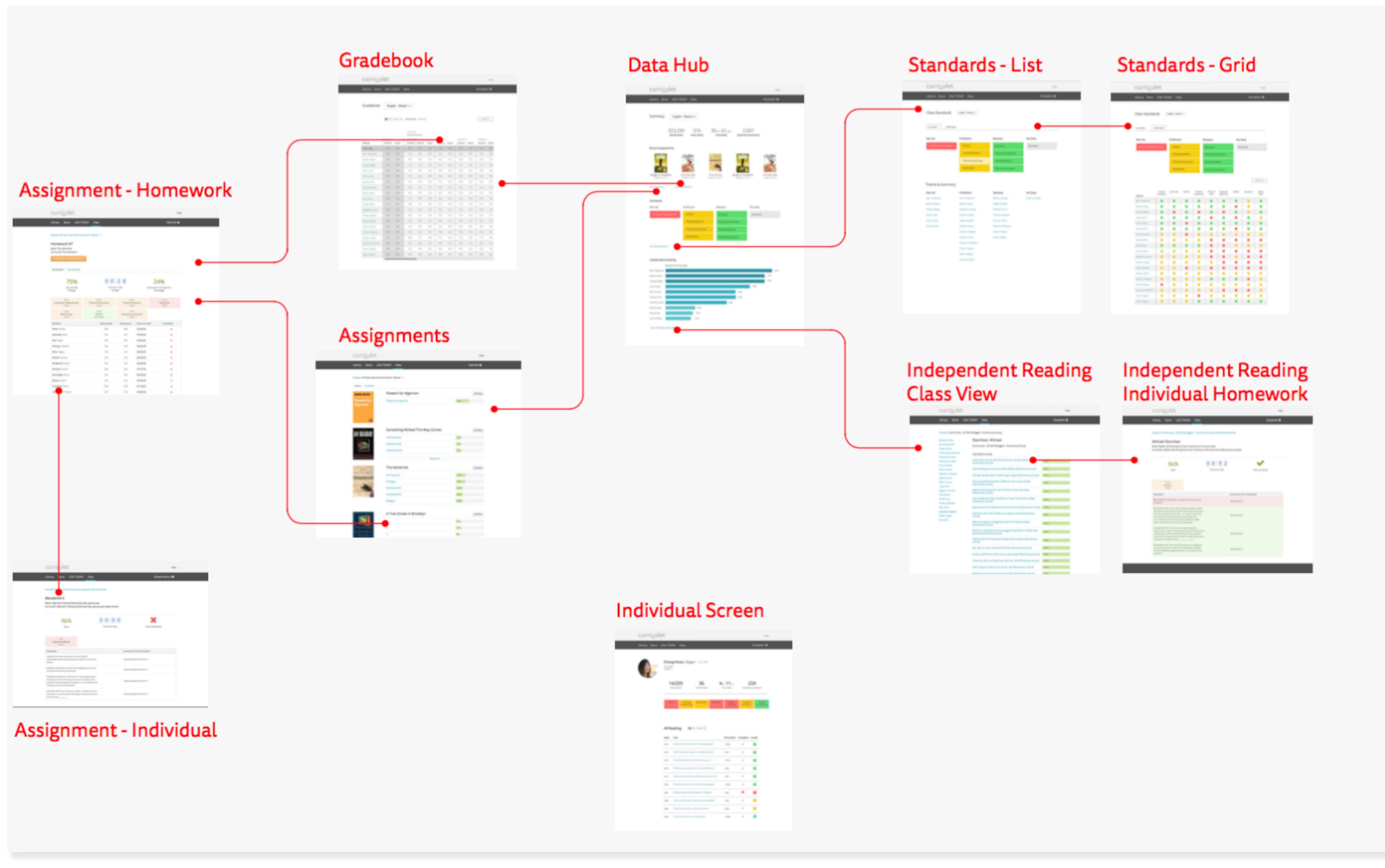
The cycle of the classroom involves two phases: assigning work and assessing the student. Assessment can happen on multiple levels, ranging from immediate to long term.

English teachers have varying and often surprising comfort levels with numerical data. Re-framing the data in the context of classroom language helps with this.



Information Architecture

A central data hub allows the teacher to access various parts of the app without diving down long navigation paths.



Final Design

curriculet Library ▾ Store USA TODAY Data Atticus Finch ▾

Data / English 1

English 1 Summary

168:04
Total Time Read

14:00
Average Time Read

893270
Total Words Read

89327
Average Words Read

Updated: Jul 4, 2016 at 3:25 AM

Recent Assignments See Gradebook ⓘ See Progress ⓘ

Walk Two Moons 7/10/2015	Bridge to Terabithia 7/10/2015	The Giver 7/10/2015	White Fang 7/10/2015	Hatchet 7/10/2015	Fahrenheit 451 7/10/2015
-----------------------------	-----------------------------------	------------------------	-------------------------	----------------------	-----------------------------

Standards Mastery See All Standards ⓘ

Updated: Jul 4, 2016 at 3:25 AM

View Strand + Domain Reading: Informational ▾

Not Yet Proficient Information Integration	Proficient Structure Multimedia Analysis Connections Between Events	Mastered Textual Evidence Diction Reasoning & Evidence Point of View	No Data Central Idea & Summary
--	---	---	--

Independent Reading See All Independent Reading ⓘ

This past week (Jun 27 – Jul 03)

Diaz, Edward 06:40	Romero, Jennifer 05:52
Anderson, Nicholas 06:32	Jacobs, Billy 04:40
Matthews, Theresa 06:20	Little, Dorothy 04:00
Kennedy, Jonathan 06:00	Rose, Louise 04:00
Weaver, Tiffany 05:52	Lawson, Angela 03:40

Final Design

Curriculum Overview

The curriculum overview page displays a summary of student performance across various standards. It includes a class summary table and a detailed student performance report.

Standard	Not Yet Proficient	Proficient	Mastered	No Data
Information Integration	●	○	●	—
Structure	○	○	●	—
Multimedia Analysis	○	○	●	—
Connections Between Events	○	○	●	—
Reasoning & Evidence	●	○	●	—
Point of View	●	○	●	—

Student Performance Report

The student performance report provides a detailed breakdown of student mastery levels for each standard. It includes a legend and a grid-based summary table.

Legend:

- Not Yet Proficient: < 65%
- Proficient: 65% – 89%
- Mastered: > 90%
- No Data

Grid Summary:

Student	Central Idea & Summary	Connections Between Events	Diction	Structure	Point of View	Multimedia Analysis	Reasoning & Evidence	Information Integration
1	—	●	●	●	●	●	●	●
2	○	○	○	●	●	●	●	○
3	●	●	●	●	●	●	●	○
4	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●
7	—	●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	●
9	—	●	●	●	●	●	●	●
10	●	●	●	●	●	●	●	●