TECHBOOK LANDING Course and Unit Page Redesign

Section ...

Elizabeth Schinazi Last Updated 02.16.18

Overview

When the Techbook platform was updated with redesigned concept pages, course and unit pages were left on the old platform due to timing constraints. There is now time to update these pages.

BUSINESS GOALS

- Upgrade existing course and unit pages to python code base to drop support for Cold Fusion, improving system performance.
- Ensure responsive and accessible views for all pages

DESIGN GOALS

- Redesign Course and Unit pages to more closely match concept views, creating a more consistent and cohesive experience within each book, as well as across products.
- Help users discover course-supporting materials
- Provide a friendlier experience for elementary students
 - Elementary CSS /Upper Grades CSS: Differentiating views based on grade-level

Project Overview: <u>https://drive.google.com/open?id=1D3UTv7r99KtRi4cZbbxmPlyE4WV8hWs3egMyPV_loxw</u> Project Schedule: <u>https://drive.google.com/open?id=1t2jLKClZm8qL4GCmu_WCbzRPOysSfvBra5fE2mJ1xZc</u>

Stakeholders

PRODUCT

Elizabeth Catania, Techbook Product Owner Amy Long, Math Techbook Product Owner Julia Stewart, UX and Design Director

DIG

Marty Creel, Curriculum Director Matt Cwalina, Curriculum Amy Gensemer, Science Curriculum Kevin Jenkins, Social Studies Curriculum Patrick Vennebush, Math Curriculum

DEVELOPMENT Linda Frascarella, Project Manager Anthony Maro, Mobile and UX Development Director

Phase One | NGSS California

KEY DATES Design - 02.23 Development - 04.06

KEY REQUIREMENTS

Create California-Specific Unit page for Science Techbook to highlight key California curriculum needs, including new content:

- Unit Anchor Phenomenon
- Concept Investigative Phenomenon, Student Outcomes, and Standards

Create California-Specific Course page for Science Techbook to meet adoption deadline

PROGRESS **Requirements Gathering** Wireframes **User Research** Design Usability Test IN PROGRESS Development IN PROGRESS

Research Findings | NGSS California

USER SURVEY RESULTS

- Design and Content gets positive reviews with Experienced NGSS Teachers
- More research needed to understand inexperienced teachers perception
- No clear consensus on using the labels "Anchor Phenomenon" or "Investigative Phenomenon" with students, but the lack of certainty suggest that we may be better off using different labels for students.

USABILITY TEST RESULTS

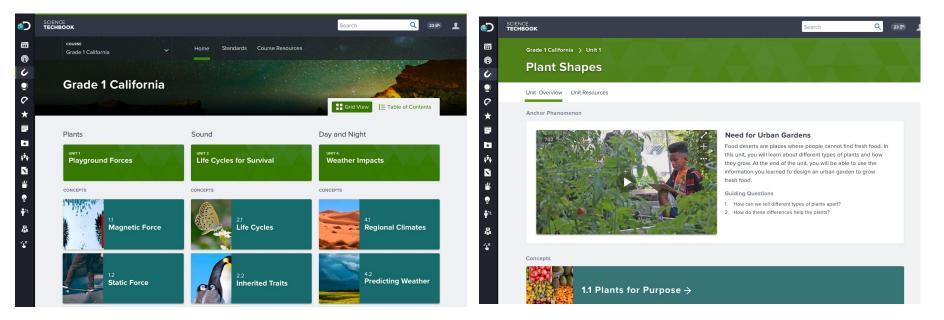
In Progress...

Goals

- Identify the strengths and weaknesses of the new design and provide additional feedback for improvements.
- Gain better awareness of teacher use and understanding of NGSS

Unit Page Survey Results: <u>https://docs.google.com/document/d/1Gpyk3WyWlq6RI75AveA3z-mRXInrpbC5rAqcQThhTGw/edit?usp=sharing</u> Usability Test Script: <u>https://docs.google.com/document/d/1CnbjlzixOUtSbs3-wgHb2HetdEWTqcCDTbGZ1bhipWc/edit?usp=sharing</u>

Proposed Designs | NGSS California



Protoype: https://discovery.invisionapp.com/share/SEG011UVMN5#/screens/280998436_Course_Overview_3

Phase Two | Course and Unit

KEY DATES Design - 04.06.18 Development - 06.01.18

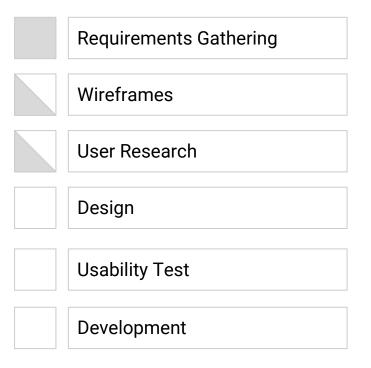
KEY REQUIREMENTS COURSE PAGE

- Updated Table of Contents with improved Standards display
- Retain Visual Overview with "Discovery" Imagery and color
- Promote Course-Level supporting materials for teachers and Students
- List of Concept Resources (like the Standards search)

UNIT PAGE

- Elevate Unit Opener Video (MTB)
- Retain SSTB Imagery
- Access to Unit Assessments and other unit-level materials

PROGRESS



DIG Conversations | Course and Unit

COURSE PAGE

VISUAL OVERVIEW

- Maintain some sort of Visual Course View that retains "Discovery" feel with imagery, color, as well as kid-friendly styling.
- STB: Remove Thee Subdiscipline Constraint (Follow SSTB Model allowing multiple subdisciplines)

TOC VIEW

 Improve Standards display and add additional content links

COURSE OVERVIEW

Elevate access to this page, adding additional
Content: e.g. Professional Development, Better Help,
Adoption Resources, Service-Specific

WHAT'S NEW

- Remove this page/feature.

UNIT PAGE UNIT MEDIA

- MTHB: Elevate Math Unit Opener video
- SSTB Important to maintain display as it provides valuable and instruction

STB: NGSS ADAPTATION

 Some Courses may use the Featured assets, Some may not. want to maintain that flexibility with potentially some label changes

Full Summary:

https://docs.google.com/document/d/1qqdWEHMWkRc2EXqEfpjEy2JLPgltIPS c0B7SstZsS_s/edit?usp=sharing

Next Steps...

PHASE ONE

- Approve NGSS Course/Unit Designs
- Development

PHASE TWO

- Research
- Initial Designs for all three Products
- Usability Tests of Initial Designs