TECHBOOK LANDING
Course and Unit Page Redesign

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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: https://drive.google.com/open?id=1D3UTv7r99KtRi4cZbbxmPIyE4WV8hWs3egMyPV_Ioxw
Project Schedule: https://drive.google.com/open?id=1t2jLKCIZm8gL4GCmu_WCbzRPOysSfvBra5fE2mJ1xZc

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: https://docs.google.com/document/d/1Gpyk3WyWIq6Rl75AveA3z-mRXInrpbC5rAqcQThhTGw/edit?usp=sharing
Usability Test Script: https://docs.google.com/document/d/1CnbjlzixOUtSbs3-wgHb2HetdEWTqcCDTbGZ1bhipWc/edit?usp=sharing

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

■	Requirements Gathering
◪	Wireframes
◪	User Research
☐	Design
☐	Usability Test
☐	Development

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/1qqdWEHMWkRc2EXqEfpjEy2JLPgltlPScOB7SstZsS_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