

Science Curriculum Resource

Dover Middle School

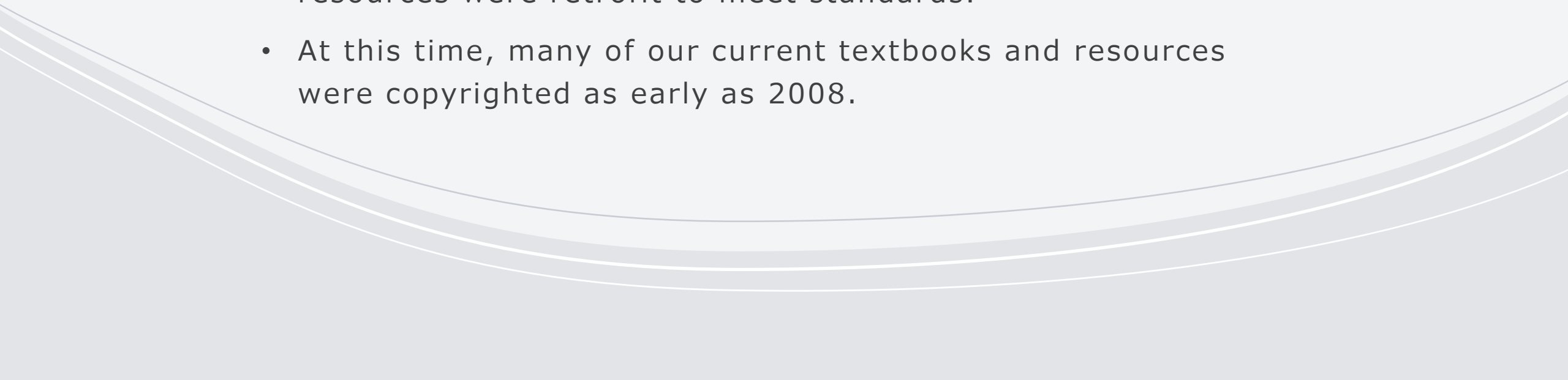


Assessing Our Need

The Next Generation Science Standards were released in 2013 in an effort to outline a broad set of expectations in science to improve science instruction:

- Disciplinary Core Ideas
- Science and Engineering Practices
- Crosscutting Concepts.

Assessing Our Need (cont.)

- Dover teachers were provided time and training to implement the standards. They mapped curriculum and found new resources on their own.
 - No new core curriculum was purchased. Existing curriculum resources were retrofit to meet standards.
 - At this time, many of our current textbooks and resources were copyrighted as early as 2008.
- 

Assessing Our Need (cont.)

Over time, teachers have found their own resources, and worked together to create and find their own resources.

Many of these resources are excellent, but a lack of a core resource has led to issues with coherence and consistency, both vertically and horizontally.



ESSER III funding has allowed us to purchase a much-needed core resource for science



A committee of science teachers met to determine our requirements, and create a plan to address the need. We found several programs we felt would work.



Because multiple vendors publish the same curriculum resource (Open SciEd) we released an Request For Procurement. We received 8 bids.

The Process



We used the Curriculum Advisory Council Checklist to evaluate programs



We determined that some programs that addressed our need best had not yet been reviewed by EdReports. Though that is in our rubric, we determined that it was possible to choose a program not greenlighted by EdReports.

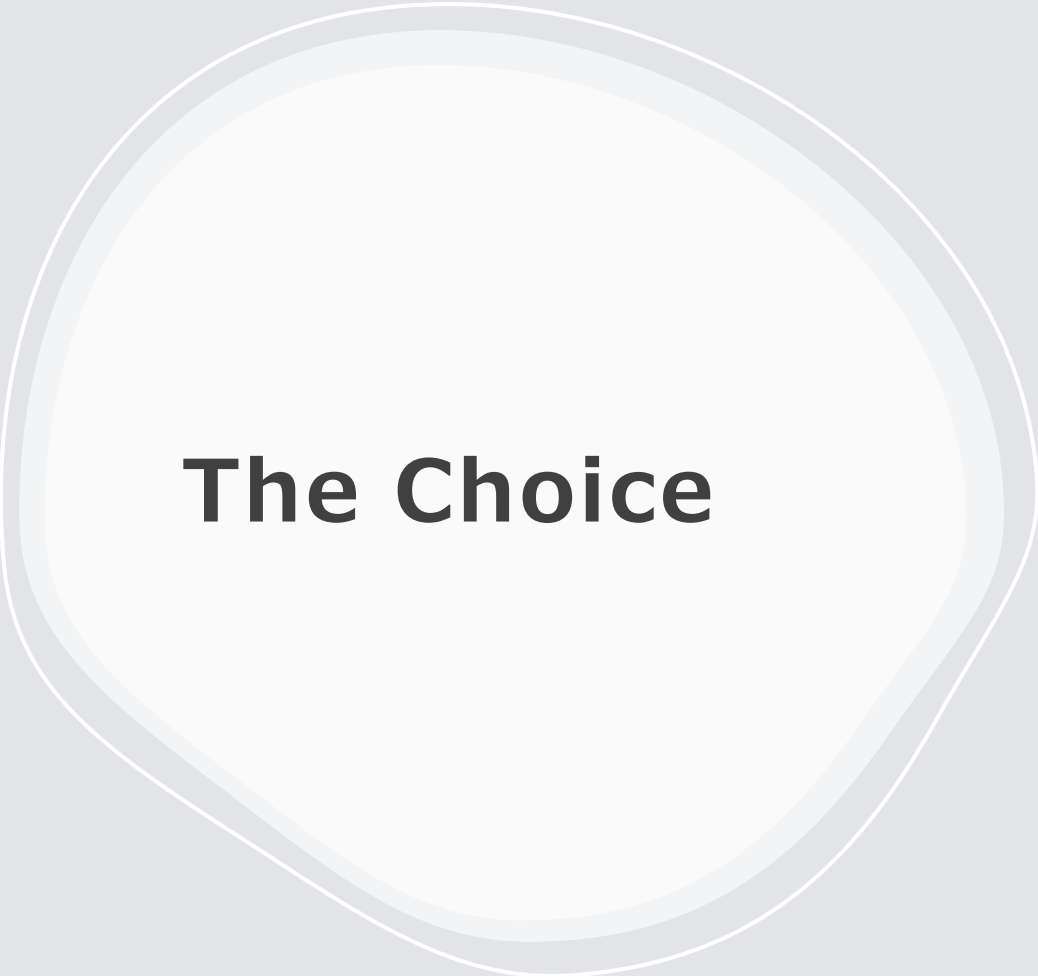


We got samples from vendors, and the committee spent the next two months evaluating, collecting input from teammates, and trying the materials.

The Requirements

Important Features

Houghton Mifflin Harcourt <i>Into Science</i>	TWIG Education
Phenomena-Based	Phenomena-Based
Aligned with Next Generation Science Standards	Aligned with Next Generation Science Standards
Smaller consumables, eBook	Robust, engaging work texts
Rubrics that will need some adjustment to align with our grading practices	Rubric that align with current grading practices
Online, interactive platform with automatic updates	Online, interactive platform with automatic updates
Accessibility features including read-aloud	Accessibility features including read-aloud
Alternative phenomena	Easy to find and use extensions



The Choice

- **Using a rubric, we found a top choice.**
- **The quote for the product did not include grade 5, though the company does provide grade 5.**
- **We also found a solid second choice, which does include grade 5.**
- **We propose that we accept the top choice on the condition that they can meet our pricing requirements.**
- **We propose that should our first choice not be able to meet this pricing requirement, we will be authorized to contract with our second choice.**