



MHUSD: The Living Earth High School Science Adoption



Our District Lens

On October 5, 2018-

Representatives from Elementary, Middle and High School came together to evaluate MHUSD student data and work together to create a district lens to use as we evaluated publisher presentations based on our student and teacher needs.



NGSS/Science Adoption Vendor Presentation Rubric

Program:						
Is this book available in Spanish? YES NO						
Criteria for Evaluation of Material from CDE	Considerations based on conversations at preview team	Not Evident...Strongly Evident				Notes
Alignment with Standards <ul style="list-style-type: none"> Instructional resources engage students in using text, discourse, and experiential learning to develop mastery of the three integrated dimensions of the CA NGSS: the Science and Engineering Practices (SEPs), Crosscutting Concepts (CCCs), and DCIs . Instructional resources reflect the full content of the CA Science Framework allowing teachers to engage students in using each of the SEPs in multiple contexts and to use and apply the CCCs to connect ideas across science topics . Teacher resources support instructional opportunities and assessments that engage students in three-dimensional learning 	Considerations: <ul style="list-style-type: none"> <input type="checkbox"/> Cross-curricular connections <input type="checkbox"/> Environmental Principles & Concepts evident <input type="checkbox"/> Alignment with ELD standards 	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
Alignment with Standards <ul style="list-style-type: none"> Use of primary sources, such as scientific research, case studies, and photographs, are integrated into the three-dimensional learning, as grade-level appropriate Instructional resources introduce real-world phenomena and systems that students can investigate, model, and explain using the targeted DCIs and CCCs . Instructional resources focus on the application of science to be learned (eg ., medicine, engineering, environmental science) using authentic and meaningful real world applications and scenarios that are specific to California when appropriate Instructional resources focus on the application of science to be learned (eg ., 		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

Publisher Presentations

October to December 2018-

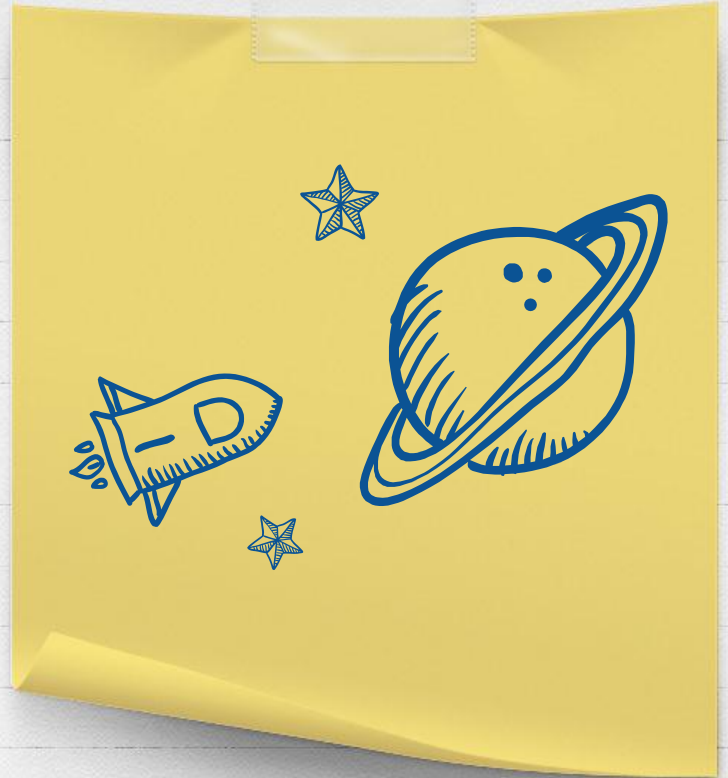
Four publishers came to the MHUSD District Office to present their curriculum to all attending teachers. Teachers evaluated each curriculum based on the District Lens and turned in their scores and comments to Julia Cook.

Publisher	Program	K-5	6-8 Integrated	9-12 3-Course I
McMillan/McMillan Education	California Inspire Science	✓ Oct 10th	✓ Oct 9th	
McMillan Education	California Elevate Science	✓ Oct 17th	✓ Oct 18th	✓ Nov 1st
McMillan/McMillan Harcourt Learning Company	California HMH Science Dimensions	✓ Oct 29th	✓ Oct 30th	✓ Oct 24th
McMillan Education	Amplify Science: California Integrated Course Model	✓ Nov 7th	✓ Nov 6th	
McMillan Education	Discovery Education Science Techbook for California NGSS	✓ Nov 13th	✓ Nov 15th	
McMillan Learning	STEMscopes CA NGSS 3D	✓ Nov 26th	✓ Nov 28th	✓ Nov 27th
McMillan	Green Ninja Integrated Middle School Science		✓ Dec 4th	
McMillan	Twig Science	✓ Dec 5th		
McMillan		TBD	TBD	✓ TBD after Conf.

December 10, 2018-

Based on the evaluation documentation (District Lens) the High School Science Teachers made a decision to pilot the Houghton Mifflin Harcourt instructional materials in February 2019.

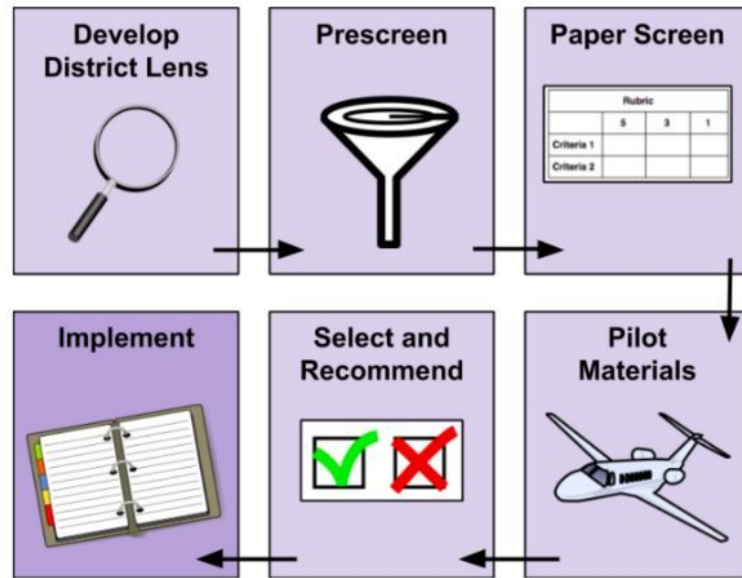
They also agreed to Prescreen the following textbooks in late May: Houghton Mifflin Harcourt (HMH) and Biozone.



Late December 2018-

California released the CA NGSS TIME Toolkit; an evidence based process to assist districts in evaluating and adopting instructional materials to meet the needs of students and teachers in their district.

The following graphics represent the six sections of the CA NGSS TIME.



February 26, 2019-

High School teachers were trained and began piloting the HMH instructional materials.

May 20, 2019-

12-15 High School teachers used the State Toolkit to Prescreen both HMH and Biozone materials. The Living Earth teachers decided to pilot Biozone in the Fall 2019.

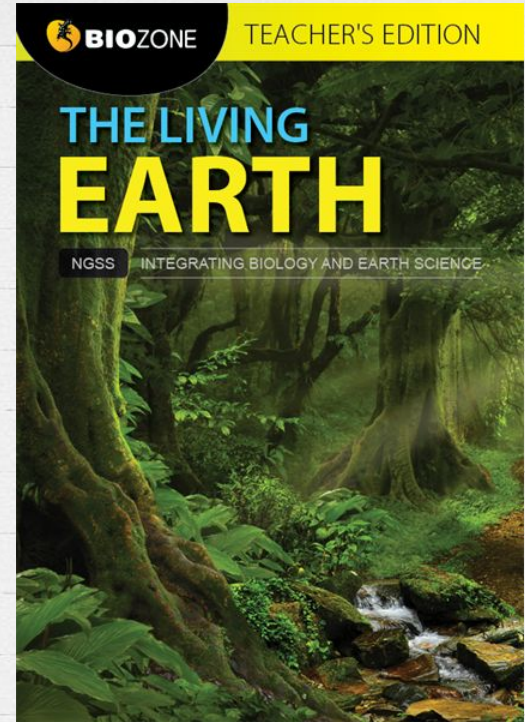
Prescreen Rubric
Rubrics Scores: 1, 2, or 3

Criteria	HMH	Biozone
Use Phenomena/Problem	1	3
Presence of Logical Sequence	2	3
Students are Figuring Out	2	3
Three-Dimensional Performances	2	2
District Needs (EL, SPED, Advanced Learners)	2	1

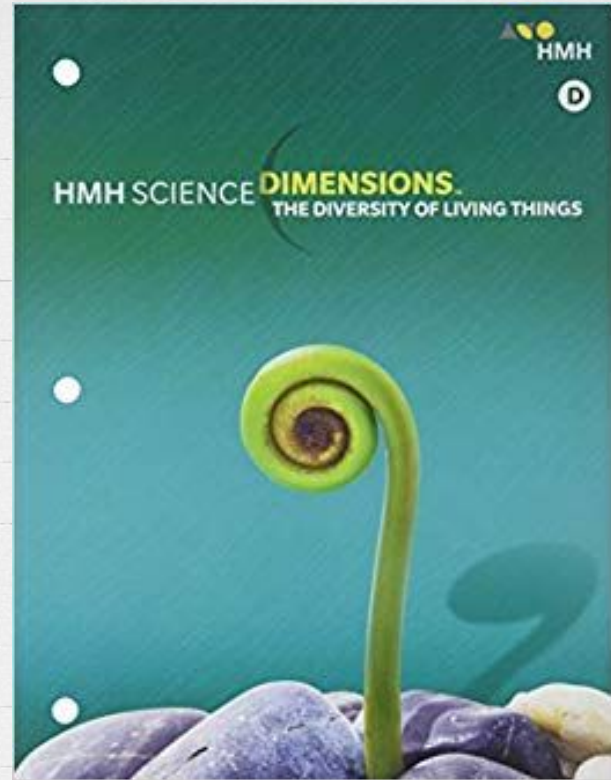
Teachers began piloting Biozone in August 2019.

Oct 4, 2019-

Living Earth teachers came together to discuss next steps in the adoption process. At this time they determined that Biozone would not meet the needs of our students in the district.



The High School
Living Earth
Teachers would like
to recommend
HMH for Science
Adoption.



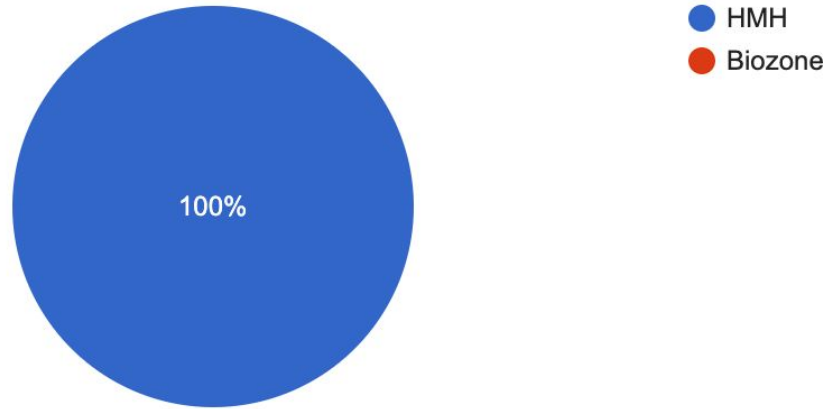
Why HMH?

- **Aligned to the California NGSS Instructional Segments**
- **Supports for**
 - EL students (Integrated and a Designated ELD book)
 - SPED students (MTSS Tier Supports)
 - Advanced/Gifted students
 - Designated ELD book complete with sentence frames and content scaffolds relating to ELPAC levels
- **Text can be translated into multiple languages**
- **Online supports and components to allow for student monitoring**
- **Embedded Engineering projects**
- **CAST Readiness Assessments available**

Vote from Living Earth Teachers

Which curriculum best meets the needs of the students and teachers in MHUSD?

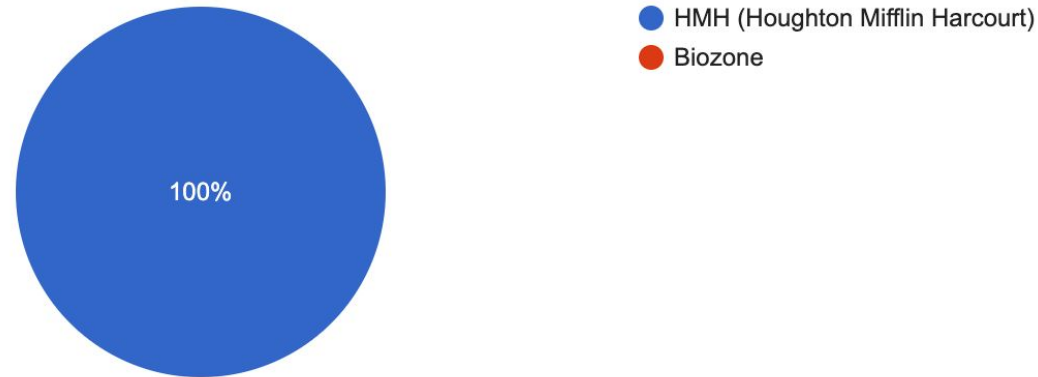
8 responses



Curriculum Council Vote

Science Adoption: The Living Earth (High School). Which program shall be recommended to the Governing Board for Adoption for The Living Earth course.

23 responses



Questions?

