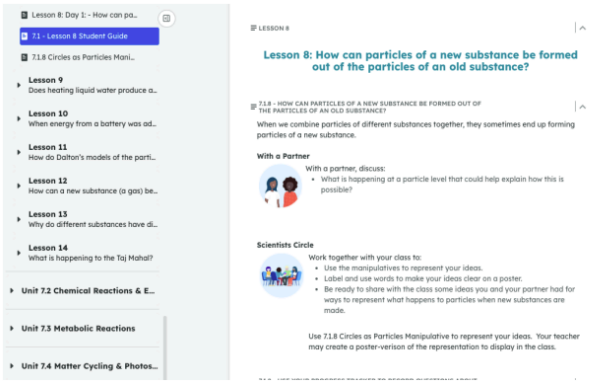
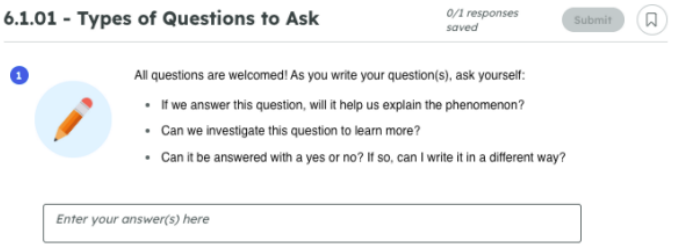
Leon County Schools
Adoption Rubric
2023-2024

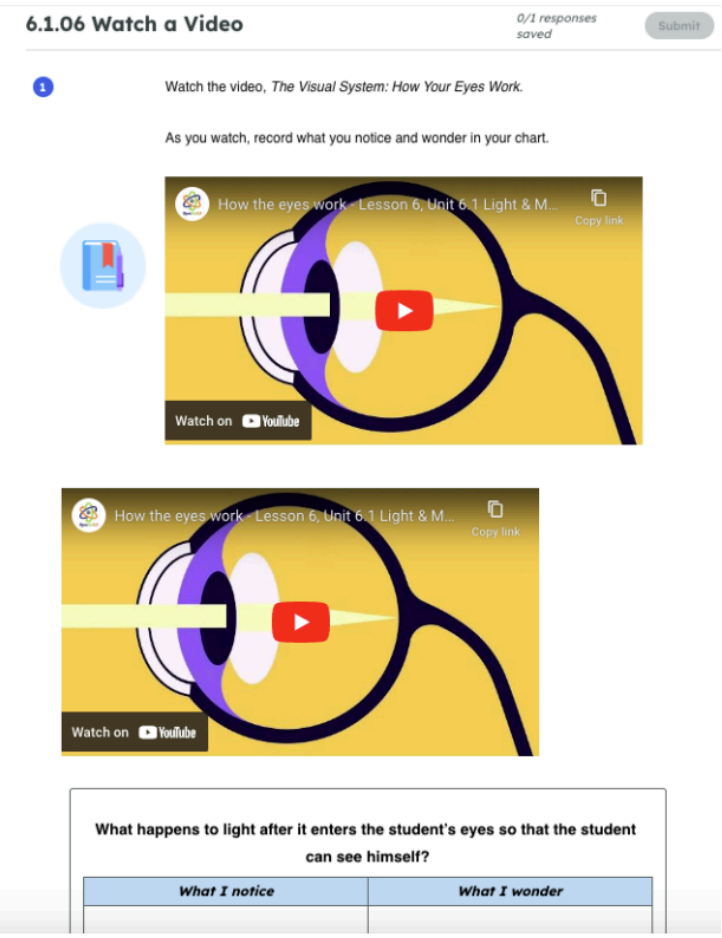
Company: __Kiddom_ Course: __Science 6-8, Anatomy & Physiology, Chemistry, Biology, Physics__

Book Title: Open SciEd Science Powered by Kiddom, Open Stax Powered by Kiddom___

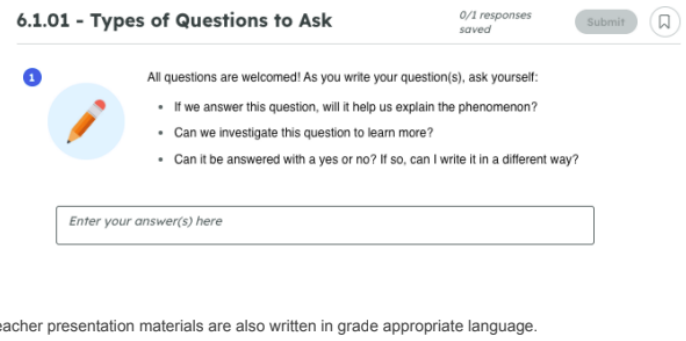
0	1	adequate	Shows
Shows no evidence of meeting LCS standards	Shows minimal evidence of meeting LCS standards	evidence of meeting LCS standards	overwhelming evidence of meeting LCS standards
	2	3	
	Shows		

Review Criteria	Comments (Cite specific examples with page numbers)	Score
	CONTENT	
Does the product align to the 2023 Florida's State Academic Standards	Yes. Please see Florida's list of adopted materials.	
Is there a logical progression and organization of the materials?	Kiddom's online platform mirrors the print organization and allows for easy, consistent and logical organization of OpenSciEd and OpenStax Science powered by Kiddom.  OpenSciEd and OpenStax, powered by Kiddom print, is organized into student and teacher units. The practicality of these small unit books lies in their convenience, portability, and the ability to break down complex content into more manageable and accessible parts and can be used for specific topics or chapters within a larger course.	

Does each unit introduction provide interesting narratives, meaningful questions, and colorful illustrations that engage students in the big ideas?	OpenSciEd's narrative and visual elements are thoughtfully designed to engage students and enhance their understanding. By aligning content with students' abilities and using relatable stories and real-world connections, the materials captivate students and make learning enjoyable. Visual aids, such as diagrams and multimedia, reinforce key concepts, supporting comprehension and memory. This approach not only aids knowledge acquisition but also fosters essential literacy skills. Additionally, student assignments are crafted in student-friendly language to ensure accessibility.  Teacher presentation materials are also written in grade appropriate language. Teacher presentation materials are also written in grade appropriate language.  Narrative and visuals engage students in reading or listening as well as in understanding of the content such as the video assignment below. Narrative and visuals engage students in reading or listening as well as in understanding of the content such as the video assignment below.	

		
Does each lesson provide an accurate and thorough discussion of the events, individuals, ideas and their relationship to big ideas?	Kiddoms Science materials engage students in culturally meaningful engineering design by connecting projects to their everyday experiences and local contexts. Using a "science storyline" approach, units revolve around complex, intriguing phenomena that keep students motivated to explore and solve problems. The curriculum, grounded in Universal Design for Learning (UDL), fosters engagement by encouraging student-generated questions and self-regulation. Teachers are supported with resources to create safe, collaborative environments, and the digital Kiddom platform enhances learning through personalized, interactive features and real-time progress tracking. This approach ensures all students have access to high-quality, differentiated instruction.	
Does the product provide activities, questions, and materials that reflect the rigor demanded by Webb's Depth of Knowledge?	OpenSciEd and OpenStax Science powered by Kiddom's instructional materials are designed with a strong foundation in research-supported teaching strategies that align with curriculum requirements. These materials integrate a variety of effective methodologies to achieve specific learning	

	outcomes, offering educators a reliable and comprehensive resource to enhance both teaching and learning experiences. The strategies span inquiry-based learning, hands-on activities, real-world applications, interactive elements, and collaborative learning, catering to diverse learning styles and preferences. The instructional materials provide detailed examples and tools for supporting Science and Engineering Practices (SEPs), including: ● Asking Questions and Defining Problems: ○ Tools for differentiating between open/closed, testable, and experimental questions. ● Developing and Using Models: ○ Tools like "Mapping the Model" and rubrics from specific units to guide modeling practices. ● Planning and Carrying Out Investigations: ○ Templates for investigations and peer feedback. ● Analyzing and Interpreting Data: ○ Data templates and the "What I See and What it Means" (WIS/WIM) strategy. ● Constructing Explanations and Designing Solutions: ○ Scaffolded templates, rubrics, and feedback tools. ● Engaging in Argument from Evidence: ○ Rubrics to support evidence-based arguments. ● Obtaining, Evaluating, and Communicating Information: ○ Close reading protocols, communication templates, and self-assessment tools. Additionally, the materials include strategies and tools for developing and using Crosscutting Concepts (CCCs), supporting engineering design, tracking ideas across lessons, and facilitating discussions, peer feedback, and teamwork. Each tool is explained in detail with examples provided to ensure effective implementation in the classroom. This comprehensive approach helps educators foster an engaging, rigorous, and inclusive learning environment that supports student growth across all dimensions of science education.	
Does the product provide quality multimedia and online resources that make text connections to content more explicit?	OpenSciEd's narrative and visual elements are thoughtfully designed to engage students and enhance their understanding. By aligning content with students' abilities and using relatable stories and real-world connections, the materials captivate students and make learning enjoyable. Visual aids, such as diagrams and multimedia, reinforce key concepts, supporting comprehension and memory. This	

	approach not only aids knowledge acquisition but also fosters essential literacy skills. Additionally, student assignments are crafted in student-friendly language to ensure accessibility.  Teacher presentation materials are also written in grade appropriate language.	
Is scaffolding provided to help students connect details, events, and concepts to the big ideas, themes, and their importance?	Science Course Overview: Purpose: ● Bridges elementary science and high school concepts. ● Enhances scientific literacy, critical thinking, and inquiry-based learning. Customization: ● Adaptability: Can be tailored to various levels of prior knowledge and interests. ● Differentiation: Includes hands-on activities and real-world applications to engage diverse learners. Pedagogical Routines: ● Anchoring Phenomena: Connects lessons to real-world phenomena. ● Investigation: Encourages data collection and analysis. ● Problematizing: Promotes problem-solving and critical thinking. ● Putting Pieces Together: Helps students synthesize information. Target Students: ● Middle School Students: Designed for 6th graders (ages 12-13), aligning with their developmental levels. ● Continuing Science Education: Follows science standards, advancing concepts and skills. ● Building Foundations: Covers life, physical, earth, and environmental sciences for a well-rounded understanding. ● Inquiry and Investigation: Focuses on developing skills in data analysis, problem-solving, and experimental design. ● Future Preparation: Prepares students for advanced science courses.	

	● Varied Learning Styles: Uses diverse methods, including experiments, discussions, and multimedia, to engage all students. ● Curious Learners: Encourages exploration and real-life connections. Differentiated Instruction: ● Provides scaffolding and enrichment to support all students in their learning journey.	
Does the product provide real-world and cross-curricular applications?	OpenSciEd and OpenStax powered by Kiddom effectively integrates real-life connections into its curriculum, making scientific concepts more relevant and engaging for students. By relating these concepts to students' daily experiences, the curriculum enhances comprehension and sparks curiosity, emphasizing the practical significance and real-world impact of scientific knowledge. This approach ensures that learning is dynamic, personally meaningful, and fosters a deeper appreciation for science. The curriculum also highlights the diverse contributions of individuals, teams, and communities from various backgrounds to the fields of science and engineering. It features a wide array of images and narratives that reflect the inclusive nature of STEM, focusing not only on career opportunities but also on community projects, civic engagement, and global challenges. By prioritizing the representation of underserved communities, the design teams ensure that the instructional materials reflect the interests and perspectives of these groups.	
Is there meaningful alignment of diagrams, illustrations, graphs, and maps to text materials?	An example of alignment and diagrams is shown in the curriculum, which is particularly relevant for students in Florida. This unit focuses on hurricanes and tsunamis, phenomena that are familiar and significant to students in this region. Teachers receive specific guidance on how to support students emotionally, especially those who may have experienced the impacts of natural disasters firsthand. Recognizing the potential distress these discussions might cause, the curriculum is designed to be sensitive to students' emotional needs. The unit begins with an exploration of the 2011 Great Sendai or Tōhoku earthquake and tsunami in Japan. This event serves as an anchoring phenomenon, engaging students in thinking about ways to detect tsunamis, warn populations, and reduce damage. The unit is divided into two main parts: 1. Understanding Tsunamis: Students investigate where tsunamis occur, how they form, move across the ocean, and cause damage upon reaching shorelines. Using various tools such as maps, graphs, models, videos, and simulations, students learn to forecast	

	which communities are most at risk for a tsunami and why. 2. Engineering Solutions: In the second part of the unit, students focus on designing and evaluating engineering solutions to mitigate the effects of tsunamis. They assess different technologies and strategies, understanding the importance of preparedness and effective communication in protecting communities. Students are encouraged to consider both structural solutions and community education as part of a comprehensive approach to disaster response. Throughout the unit, students develop a deep understanding of key scientific ideas, including predicting natural hazards, designing effective engineering solutions, and communicating these strategies to community stakeholders. The ultimate goal is to empower students with the knowledge and skills needed to contribute to safer communities and potentially save lives. This integration of real-world context and practical relevance into the curriculum is a testament to the commitment to creating educational experiences that are not only informative but also impactful. By connecting scientific concepts to students' lives and communities, the curriculum helps students see the value and importance of science in their everyday lives.	

Review Criteria	Comments (Cite specific examples with page numbers)	Score
Does the text show a respect of and value for diverse cultures, races, and ethnicities?	OpenSciEd and OpenStax powered by Kiddom takes a deliberate and thoughtful approach to avoid essentializing the activities and qualities of cultural groups. The instructional materials actively challenge narrow and formulaic views of how science is conducted, offering diverse forms of argumentation, explanation, and sense-making practices. The curriculum recognizes that cultural communities are dynamic, diverse, and ever-changing, and does not assume that all learners from a given cultural group engage in the same practices or that these practices remain static over time. Central to creating equitable learning opportunities is the connection of students' ideas and reasoning to scientific inquiry. Kiddom has developed materials that empower teachers to recognize and leverage the diverse assets and perspectives students bring to the classroom. This includes broadening the definition of competency to encompass both everyday and professional forms of engagement. The curriculum is designed to counteract reductive notions of proficiency, such as privileging standard English in rubrics or	

	presenting culturally narrow images of science and engineering practices. The instructional materials emphasize the dynamic and variable nature of cultural groups, highlighting the inherent variations and regularities in cultural practices and values, as well as how these may evolve over time. The curriculum includes multiple forms of practice engagements and identifies as well as leverages students' diverse sense-making repertoires. Rather than adhering to an idealized, dominant form of scientific practice, the curriculum encourages a more inclusive approach that respects and integrates the varied ways students engage with the world. Cultural and gender diversity is woven into lessons by thoughtfully combining subject matter, sense-making activities, and sociocultural contexts that acknowledge the contributions of scientists from various backgrounds. For instance, the instructional materials highlight the efforts of scientists from diverse cultural backgrounds, making it clear that scientific and technological advancements are the result of contributions from a wide array of communities. The learning experiences are designed to foster a deeper sense of global community, agency, and social responsibility. This is achieved by avoiding the use of phenomena, settings, or examples that primarily center on the activities or interests of the dominant U.S. culture. Instead, the curriculum relates topics, concepts, and practices to the diverse backgrounds of students, recognizing that all learners belong to multiple cultural communities with different practices, purposes, ways of interacting, and approaches to understanding the world. By presenting science in a way that is inclusive and reflective of students' diverse backgrounds, the curriculum helps students "see themselves" in the scientific endeavor. This representation within instructional materials is crucial for students to feel comfortable and engaged in science learning, making it a meaningful and relevant part of their lives. Kiddom is committed to creating a learning environment where every student feels valued and empowered to participate in scientific inquiry.	
If relevant to the course, does the product include ample primary and secondary sources that engage students in historical thinking?	Kiddom has built OpenSciEd & OpenStax Science upon a solid foundation of content developed by a consortium of world-class curriculum developers, completed the middle school classroom materials and associated professional learning materials. The Developers Consortium drew from experts in the fields of science education, curriculum design, learning sciences, professional learning, and data analysis, ensuring that the materials are effective in the classroom. A rigorous process was implemented to ensure expert information for the subject was included and accurate. Kiddom has continued to follow this rigorous process to ensure that the curriculum we build to meet the Florida Next	

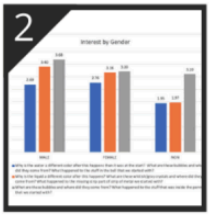
Generation State Science Standards is based on expert information for science.

Develop the Scope & Sequence

The 10 partner states collaborate with science education experts to develop a Scope & Sequence that would best support students to meet the vision of *A Framework for K–12 Science Education* and the *Next Generation Science Standards.*

Identify the Anchor Phenomenon

The curriculum development team unpacks the standards and identifies potential anchor phenomena for each unit. Students are given interest surveys to identify what they find most engaging and relevant.

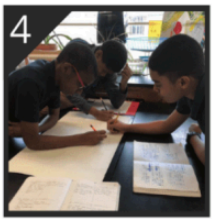


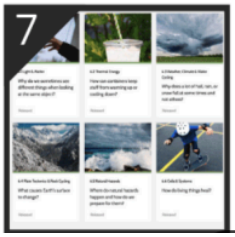
Write the Unit

Units are written by teams of curriculum developers, educators, science content experts, and science education experts. The field test units are written following the OpenSciEd Design Specifications and the Scope and Sequence.

Field Test the Unit

Each unit is field tested by hundreds of teachers across our 10 partner states. Teachers attend professional learning sessions on the units and then teach them to their students. A wide range of data is collected to inform the revisions, including feedback on the professional learning as well as the units.



	 **Revise the Unit** The curriculum development team revises the units based on the data collected from the field test and the initial external review of the unit by NextGenScience's EQuIP Peer Review Panel process. The professional learning team revises the professional learning materials based on the field test data. **External Review of Unit** The revised units were sent to Achieve's EQuIP Peer Review Panel for an external review of the quality and alignment of the instructional materials to the *Next Generation Science Standards* and *A Framework for K-12 Science Education*.   **Release the Unit** Units that are identified as being an example of NGSS alignment through the EQuIP Peer Review Process are shared with a Creative Commons CCBY 4.0 license on our website along with the associated professional learning materials.	
Are ample resources provided to differentiate for ELLS, struggling readers, students with disabilities, and advanced learners?	OpenSciEd 6th grade Science powered by Kiddom is designed to be inclusive and supportive of diverse learners. The curriculum incorporates Universal Design for Learning principles to ensure equitable access from the start, providing various supports to accommodate different abilities and learning preferences. Supports for Differentiation: ● Universal Design: The units integrate differentiation strategies within the teacher background knowledge, lesson-level guidance, and assessment overview. Teachers receive specific instructions on adapting content, processes, and products to meet diverse needs. ● Learning Plan Callouts: Differentiation guidance is provided through: ● Supports All Learners: Strategies for supporting specific populations, such as emergent multilingual learners. ● Alternate Activity: Options for extending or streamlining activities based on student progress or classroom resources. ● Additional Guidance: Instructions for modifying timing, grouping, or resources to fit student needs. ● Support for Emerging Multilingual Learners (EMLs):	

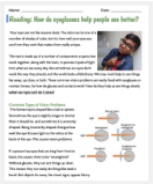
	● Curricular Design: Units use real-world phenomena to anchor learning, allowing EMLs to build on their existing knowledge and engage meaningfully. ● Educative Boxes: Embedded in teacher materials, these provide strategies for leveraging EMLs' strengths and addressing challenges. They offer practical advice on grouping students, explaining terminology, and providing additional support. Kiddom emphasizes creating an engaging and adaptable learning environment that supports all students effectively.	
TEACHER MATERIALS		
Does the teacher wrap provide information that would aid new teachers and veterans in their instructional approach in the classroom?	Each unit includes tailored tools and resources to support the Florida Next Generation Sunshine State Standards, helping students track and assess progress, provide peer feedback, and engage in discussions. Key resources include: ● Unit Overview Page: Details the unit, phenomena/problems, and NGSS Performance Expectations. ● Unit Storyline: Provides a lesson-by-lesson summary including questions, phenomena, and navigation. ● Teacher Background Information: Includes unit structure, placement in the Scope and Sequence, and equity support. ● Home Communication: Sample letter for parents/guardians about the unit. ● Guidance for Developing Your Word Wall: Includes vocabulary development procedures and supports for multilingual learners. ● Assessment System Overview: ○ Overall Unit Assessment Table: Shows the types and purposes of assessments throughout the unit. ○ Lesson-by-Lesson Assessment Opportunities: Summarizes assessment opportunities in each lesson, aligned with three-dimensional learning expectations. These resources are designed for easy customization and additional scaffolding to enhance instruction. Each lesson contains multiple resources for the teacher to use including:	

Lesson-Level Teacher Edition

Slides

Teacher References

Readings



Handouts

Student References

Assessments & Keys

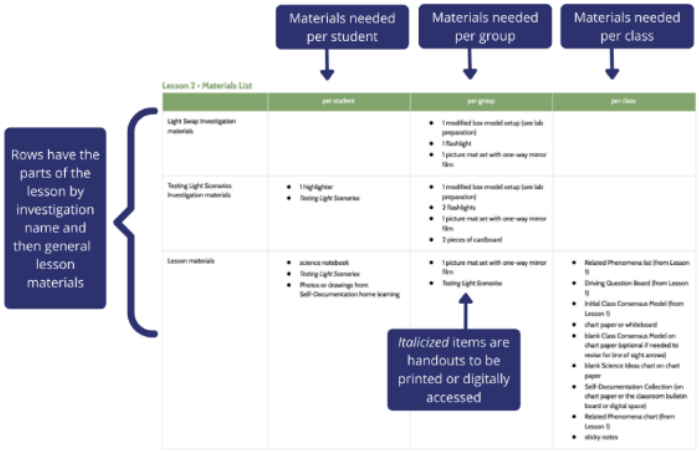
Simulations, Data Interactives & Storymaps

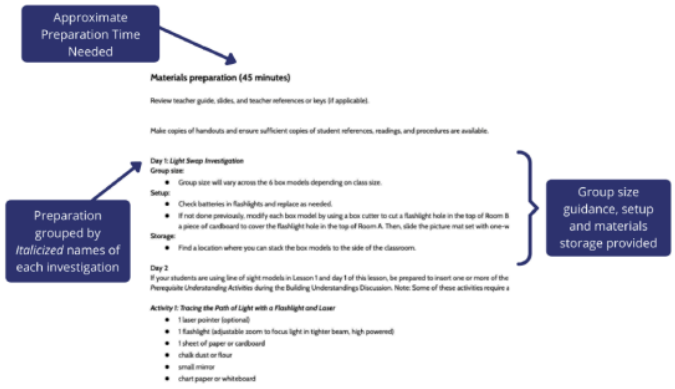
Videos

The teacher is given all the information to understand which student resources address the targeted learning outcomes without requiring the teacher to prepare additional teaching materials

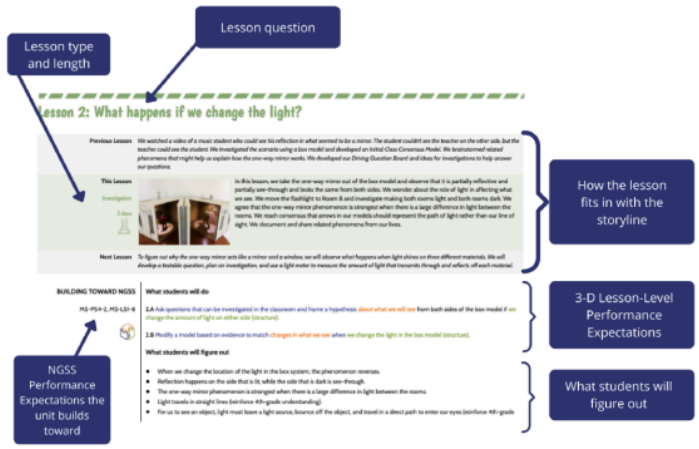
There are also parent letters and home learning opportunities built into the curriculum.

3. Materials List & Preparation

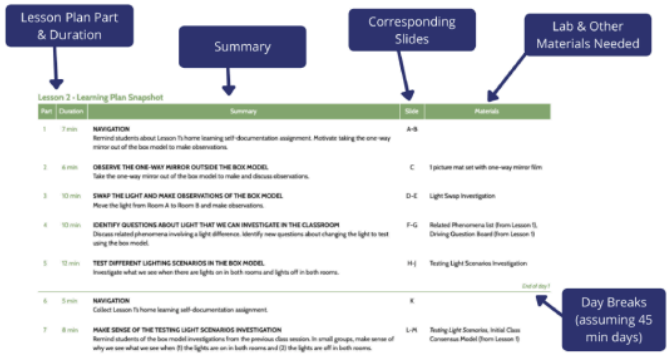


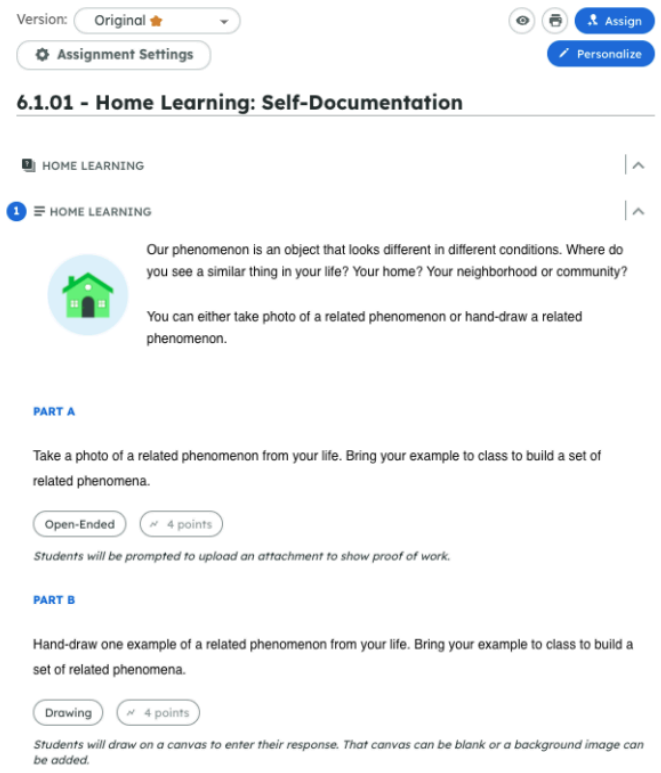


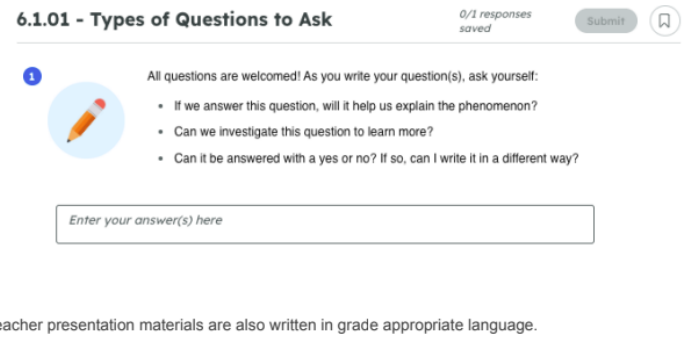
1. Lesson Overview



2. Learning Plan Snapshot



		
Are the teacher digital resources easy to access, use, and manipulate? Does tech support appear to be user friendly?	OpenSciEd Science powered by Kiddom offers a range of tools and features across both print and digital formats: **Major Tools:** ● Teacher Tools: Print and digital, including ready-to-go presentations with notes. ● Student Tools: Print and digital, accessible through the Kiddom platform with printable options. **Digital Platform Features:** ● Teacher Presentations: Ready-to-use presentations with notes. ● Assignment Scheduling: Schedule assignments, set deadlines, and allow student reattempts. ● Response Options: Choose from various response types such as audio, video, drawing, or graphing. ● Student Grouping: Group students and assign differentiated work to support various learning levels. ● Live Assessment: Use Lesson Launch for live, synchronous assignments and formative assessments. ● Technology-Enhanced Questions: Prepare students with Kiddom's 15 question types, including drag & drop and ordering.	

	● Customizable Grading: Set grading preferences (ungraded, participation, auto-graded, teacher-graded) and track student growth with standards-aligned reports. All components align with each other, ensuring consistency between print and digital content.	
Does the digital text provide adequate functionality for whole class instruction, including but not limited to annotating text, enlarging and minimizing, audio reading of text, translating to other languages, copying into text document, changing colors, etc.?	● Teacher Presentations: Ready-to-use presentations with notes. ● Assignment Scheduling: Schedule assignments, set deadlines, and allow student reattempts. ● Response Options: Choose from various response types such as audio, video, drawing, or graphing. ● Student Grouping: Group students and assign differentiated work to support various learning levels. ● Live Assessment: Use Lesson Launch for live, synchronous assignments and formative assessments. ● Technology-Enhanced Questions: Prepare students with Kiddom's 15 question types, including drag & drop and ordering. ● Customizable Grading: Set grading preferences (ungraded, participation, auto-graded, teacher-graded) and track student growth with standards-aligned reports. All components align with each other, ensuring consistency between print and digital content.	
Do the physical attributes (size, weight, etc.)? of the print text provide for mobility and ease of use?	Narrative and visual elements are thoughtfully designed to engage students and enhance their understanding. By aligning content with students' abilities and using relatable stories and real-world connections, the materials captivate students and make learning enjoyable. Visual aids, such as diagrams and multimedia, reinforce key concepts, supporting comprehension and memory. This approach not only aids knowledge acquisition but also fosters essential literacy skills. Additionally, student assignments are crafted in student-friendly language to ensure accessibility.  Teacher presentation materials are also written in grade appropriate language.	

	 Narrative and visuals engage students in reading or listening as well as in understanding of the content such as the video assignment below. Narrative and visuals engage students in reading or listening as well as in understanding of the content such as the video assignment below.	
Does the product include suggested activities and resources to accommodate advanced learners, struggling readers, ESE students, and/or second language learners?	This curriculum is designed to be inclusive and supportive of diverse learners. The curriculum incorporates Universal Design for Learning principles to ensure equitable access from the start, providing various supports to accommodate different abilities and learning preferences. Supports for Differentiation: ● Universal Design: The units integrate differentiation strategies within the teacher background knowledge, lesson-level guidance, and assessment overview. Teachers receive specific instructions on adapting content, processes, and products to meet diverse needs. ● Learning Plan Callouts: Differentiation guidance is provided through: ● Supports All Learners: Strategies for supporting specific populations, such as emergent multilingual learners. ● Alternate Activity: Options for extending or streamlining activities based on student progress or classroom resources. ● Additional Guidance: Instructions for modifying timing, grouping, or resources to fit student needs. ● Support for Emerging Multilingual Learners (EMLs): ● Curricular Design: Units use real-world phenomena to anchor learning, allowing EMLs to build on their existing knowledge and engage meaningfully. ● Educative Boxes: Embedded in teacher materials, these provide strategies for leveraging EMLs' strengths and addressing challenges. They offer practical advice on grouping students, explaining terminology, and providing additional support.	

Do ancillary materials offer valuable content support for teachers who use them?	Yes, Kiddom Science provides ancillary materials that offer valuable content support for teachers. These materials include resources such as lesson plans, instructional guides, and targeted strategies to help teachers implement the curriculum effectively. They are designed to enhance teacher understanding of the content and provide additional support for planning and differentiation. By offering tools like formative assessments, answer keys, and scaffolding suggestions, Kiddom ensures that teachers have the resources they need to address diverse student needs and guide learning successfully.	
Does the product provide an effective digital planning tool as well as standard lesson plan templates?	Key features include: ● Curriculum Management: Districts can customize and publish curriculum updates, with editing capabilities and district-specific versions. ● Data Reporting: Users receive role-based, intuitive data reports, including real-time usage and standards mastery, impacting instructional and district decisions. ● Assessment & Reporting: Consolidates core resources, including assessments and progress monitoring, into one platform, enhancing curriculum effectiveness and providing insights into learning gaps. ● Instructional Tools: Simplifies lesson planning with drag-and-drop features and real-time progress monitoring for immediate instructional adjustments. ● Student Engagement: Emphasizes social-emotional learning and supports independent learning through interactive digital tools and real-time dashboards. Kiddom's platform facilitates curriculum customization, effective teaching, and enhances student engagement through comprehensive digital resources and reporting tools.	

Review Criteria	Comments (Cite specific examples with page numbers)	Score
Is each unit and lesson accompanied by useful interactive presentations, test banks, virtual labs, relevant videos, literacy strategies for the content area, and online support?	Students are provided with handouts, assessments, and interactive resources such as simulations and data visualizations, which help them actively engage in figuring out scientific ideas. Kiddom’s platform facilitates collaboration among educators, supports curriculum planning, and streamlines the entire curriculum workflow, making it an essential tool for enhancing science education.	

Does the text provide quality and detailed sample answers for questions included in the student edition?	Yes, teachers receive comprehensive materials, including a Teacher Edition with lesson overviews, editable slides, references, rubrics, and keys.	
STUDENT MATERIALS		
Does the text have appropriate readability for the grade-level and subject matter?	Yes, the content provided by OpenSciEd and OpenStax is thoughtfully curated and tailored to meet the diverse needs and backgrounds of its learners, ensuring relevance and accessibility. By aligning materials with students' experiences and interests, this curriculum enhances engagement and understanding of scientific concepts. This approach reflects a commitment to delivering educational resources that are sensitive to learners' perspectives and effective in promoting deep learning.	
Are there alternative text materials or support resources for students who struggle with reading the text?	Yes, the Kiddom Science curriculum provides alternative text materials and support resources for students who struggle with reading. The program incorporates differentiation strategies and scaffolding tools to ensure all students can access and engage with the content. These supports may include simplified texts, leveled readings, visual aids, graphic organizers, and interactive features that help break down complex concepts. Additionally, Kiddom offers opportunities for teachers to assign tailored resources that align with individual student needs, making science learning more inclusive and accessible for all learners.	
Do the print and digital texts provide tools to help define vocabulary and support background knowledge so students can better understand content?	Yes, Word Walls includes vocabulary development procedures and supports for multilingual learners.	
Do the digital and print texts provide ease of use and accessibility to all students, including but not limited to annotating text, enlarging and minimizing, audio reading of text, translating to other languages, copying into text document, changing colors, etc.?	Yes, the digital and print texts provide robust ease of use and accessibility features for all students. These include: ● Adjustable font type, size, colors, and background to accommodate different visual needs. ● High-contrast color settings for improved visibility. ● Text-to-speech tools for auditory learners or visually impaired students. ● All images are equipped with alternate text tags, and videos are fully captioned. ● Content, including text, image tags, and captions, is compatible with refreshable braille displays. ● Magnification options to enlarge text and visuals. ● Accessibility tools such as text-to-speech, text-to-American Sign Language, on-screen	

	keyboards, switch scanning controls, and speech-to-text functionality. These features ensure that the materials are inclusive and supportive of diverse learning needs.	
Is the text written in such a way to engage students in the specified content and skills referenced in the standards?	Student Engagement: Emphasizes social-emotional learning and supports independent learning through interactive digital tools and real-time dashboards. Kiddom's platform facilitates curriculum customization, effective teaching, and enhances student engagement through comprehensive digital resources and reporting tools.	
Does the text contain interesting graphics, compelling narratives, and other meaningful text features that command the students' attention?	The program promotes multimodal communication, encouraging students to use different modalities—such as drawings, gestures, and graphical representations—alongside speech and text to make sense of phenomena and design challenges. This approach supports equitable participation by allowing students to express their understanding in diverse ways, beyond traditional text-based methods. The instructional materials highlight that providing multiple means of expression differs from the concept of "learning styles," which are scientifically invalid. Instead, the focus is on creating opportunities for students to engage and communicate their ideas effectively using a range of tools and approaches.	
Do the units and chapters contain comprehension questions that prompt students to think about important concepts and their impact?	Yes, the Kiddom Science curriculum includes comprehension questions within units and chapters that prompt students to think critically about key concepts and their broader impacts. These questions are designed to encourage students to reflect, analyze, and connect their learning to real-world phenomena, promoting a deeper understanding of scientific ideas. By engaging with these thoughtfully crafted prompts, students are able to synthesize information, develop reasoning skills, and explore the relevance of science in their lives and the world around them.	
Are there opportunities for meaningful project-based learning or extensions for standards taught in each unit?	The curriculum also highlights the diverse contributions of individuals, teams, and communities from various backgrounds to the fields of science and engineering. It features a wide array of images and narratives that reflect the inclusive nature of STEM, focusing not only on career opportunities but also on community projects, civic engagement, and global challenges. By prioritizing the representation of underserved communities, the design teams ensure that the instructional materials reflect the interests and perspectives of these groups.	

Review Criteria	Comments (Cite specific examples with page numbers)	Score
Are additional readings provided in each unit and lesson of study?	Yes, additional readings in the form of student handouts are provided in each unit and lesson of study. These materials support student learning by reinforcing key concepts and providing opportunities for deeper engagement with the content.	
Are the print and online texts available in other languages?	The Kiddom Science curriculum offers texts with Spanish. These resources help ensure accessibility for multilingual learners, supporting comprehension and engagement across diverse student populations.	
ASSESSMENT		
Does the program include multiple assessments (e.g., multiple choice, short answer questions, longer essays, etc.) in print and digital form?	Yes, the program includes multiple assessments, such as multiple-choice questions, short-answer responses, and longer essays, available in both print and digital formats. These varied assessment types allow for a comprehensive evaluation of student understanding and progress.	
Do the assessments align to the Florida's State Academic Standards – Social Studies, 2023?	OpenSciEd 6th grade Science powered by Kiddom has developed an assessment system that is grounded in the recommendations of the National Research Council (2014) report, aligning to the Florida State Academic Standards. The system has assessments embedded in the unit, options for self- and peer-assessment, and multi-component tasks.	
Are formative assessment tasks aligned to standards provided throughout each lesson and unit?	Formative Assessments guide learning by providing feedback on students' strengths and areas for improvement during instruction. These are aligned with Lesson-Level Performance Expectations (LLPEs) and help teachers inform instruction as students build understanding. These are also aligned to the Florida's State Standards for Science.	
Do the assessments represent various levels of Webb's Depth of Knowledge?	Yes, the assessments in the Kiddom Science curriculum represent various levels of Webb's Depth of Knowledge (DOK). The assessments are designed to engage students in a range of cognitive processes, ensuring they progress from basic recall and comprehension to more complex tasks. ● **DOK Level 1 (Recall and Reproduction):** Students demonstrate basic knowledge and skills, such as recalling facts, defining concepts, or identifying key information. ● **DOK Level 2 (Skills and Concepts):** Students apply	

	knowledge to interpret data, explain relationships, and carry out multi-step tasks. ● **DOK Level 3 (Strategic Thinking):** Assessments involve reasoning, planning, and drawing conclusions, such as designing experiments, analyzing results, or explaining scientific phenomena. ● **DOK Level 4 (Extended Thinking):** Students engage in extended investigations, problem-solving, and the synthesis of information across concepts, often requiring collaboration, evaluation, and real-world application. By incorporating a variety of DOK levels, Kiddom Science ensures that assessments not only measure knowledge retention but also promote critical thinking, application, and deeper understanding of scientific concepts. This approach supports student growth and prepares learners for complex, real-world problem-solving.	
For assessment items requiring extensive responses, are exemplary responses provided to guide teacher evaluation of student work?	Yes, the Kiddom Science curriculum provides exemplary responses for assessment items requiring extensive responses to guide teacher evaluation of student work. These exemplary responses serve as clear models of what high-quality student work should include, helping teachers understand the expected depth and accuracy of student answers. Additionally, the curriculum includes guidance on common misconceptions that students might have when approaching the content. This helps teachers identify where students may struggle or misunderstand key concepts and provides strategies to address these gaps. By offering both exemplary responses and insight into potential misconceptions, Kiddom supports teachers in delivering targeted feedback and ensuring a consistent and effective evaluation of student performance.	
Are rubrics included for performance assessment items?	Yes, General Assessment Rubrics. Integrated across units, these include tools such as self-assessment for discussions, peer feedback guidelines, and specific rubrics for modeling, argumentation, and other key skills.	