ISTE SEAL OF ALIGNMENT REVIEW FINDINGS REPORT

Edmentum Exact Path

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ISTE Seal of Alignment Review Findings Report

ABOUT

ABOUT ISTE
The International Society for Technology in Education (ISTE) is the premier nonprofit membership organization serving educators and education leaders. ISTE is committed to empowering connected learners in a connected world and serves more than 100,000 education stakeholders throughout the world.

As the creator and steward of the definitive education technology standards, our mission is to empower learners to nourish in a connected world by cultivating a passionate professional learning community, linking educators and partners, leveraging knowledge and expertise, advocating for strategic policies, and continually improving learning and teaching

ISTE SEAL OF ALIGNMENT
Resources and products designed with the ISTE Standards in mind are choosing to demonstrate their commitment to support critical digital age learning skills and knowledge. Regardless of a solution's intended grade level, purpose or content area, by addressing the ISTE Standards and earning a Seal of Alignment, a solution is shown to consciously, purposefully and meaningfully support best practices for digital age teaching and learning.

ISTE considers a solution aligned to the ISTE Standards only after an extensive review conducted by trained ISTE Seal of Alignment reviewers, and it has been determined to meet all critical elements of a particular standard indicator in accordance with specific review criteria.

By earning a Seal of Alignment, ISTE verifies that this product:
- Promotes critical technology skills
- Supports the use of technology in appropriate ways
- Contributes to the pedagogically robust use of technology for teaching and learning
- Aligns to the ISTE Standards in specific ways as described in the review finding report
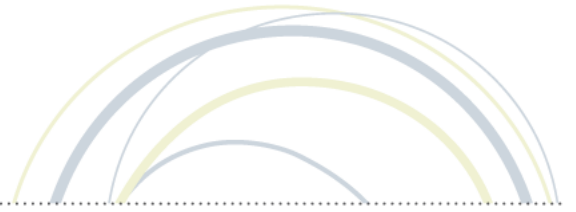
RESOURCE DESCRIPTION

WHAT IS THE EDMENTUM EXACT PATH PROGRAM?

The Edmentum Exact Path Individualized Learning Solution is a K-6 online curriculum product that provides standards-based instruction in Reading, Language Arts and Math. The Exact Path learning experience constructs individualized learning paths for students based on results of the included diagnostic assessment and tailor's student learning based on their performance throughout the system.

Instructional design of the program is based on a linear computer-assisted instructional model where information is presented through different combinations of text, images, animations and videos, followed by a comprehension check. Most lessons consist of a direct instruction component, one or more practice activities, and a mastery assessment. Assessment items include multiple choice and matching exercises, as well as written responses, both short and long. In math lessons, students also use the built-in word processor to input equations and solve problems.

HOW IS THE EDMENTUM EXACT PATH PROGRAM IMPLEMENTED?

When students first enter the Exact Path system, they are prompted to take a diagnostic assessment that helps to pinpoint each student's unique learning needs. Once students begin the lessons, they progress through the prescribed lessons, activities, and assessments at their own pace in a media-rich instructional environment. The prescribed path is adjusted as students progress through the system. Adjustments are both automatic, based on student performance on assessment items, and prescribed by a teacher. A robust report mechanism gives teachers detailed feedback on student progress and performance.
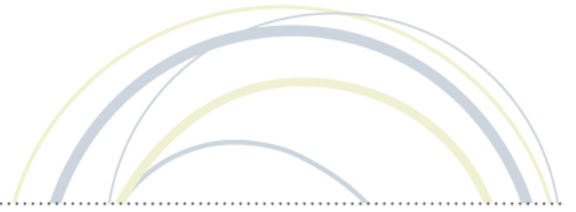
ISTE SEAL OF ALIGNMENT REVIEW

Product: Exact Path
Company: Edmentum
**Date of Award:** January 2018

REVIEW METHODOLOGY

ISTE Seal of Alignment reviews are conducted by a panel of education and instructional experts. Reviewers use data collected both separately and collectively to determine how a solution addresses specific elements described in each of the indicators of the ISTE Standards. Special instruments are used by reviewers to collect data on potential alignment across all resource materials. Alignment is determined based on the extent to which all or some of specific elements are addressed within the materials. Reviewers conduct regular calibrations to assure the validity and reliability of the results and final review findings are combined for an overall score for alignment on each individual indicator.

The Edmentum Exact Path resource was reviewed for alignment against the ISTE Standards for Students, at the Readiness level. Readiness level reviews examine how a resource instructs and/or assesses specific skills and knowledge that have been identified as foundational to the elements of the ISTE Standards.

SCOPE OF REVIEW

During the review process for the Edmentum Exact Path program, reviewers:
- collected data on when and how each activity addressed specific skills and knowledge described in the ISTE Standards for Students.
- compiled findings to determine overall alignment across all ISTE Student standards and indicators.
- used aggregate findings to form the basis of the overall alignment results.
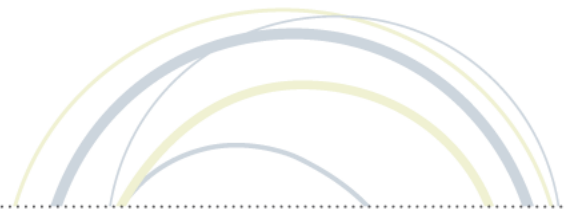
REVIEW FINDINGS

The Edmentum Exact Path resource supports the following indicators of the ISTE Standards for Students:
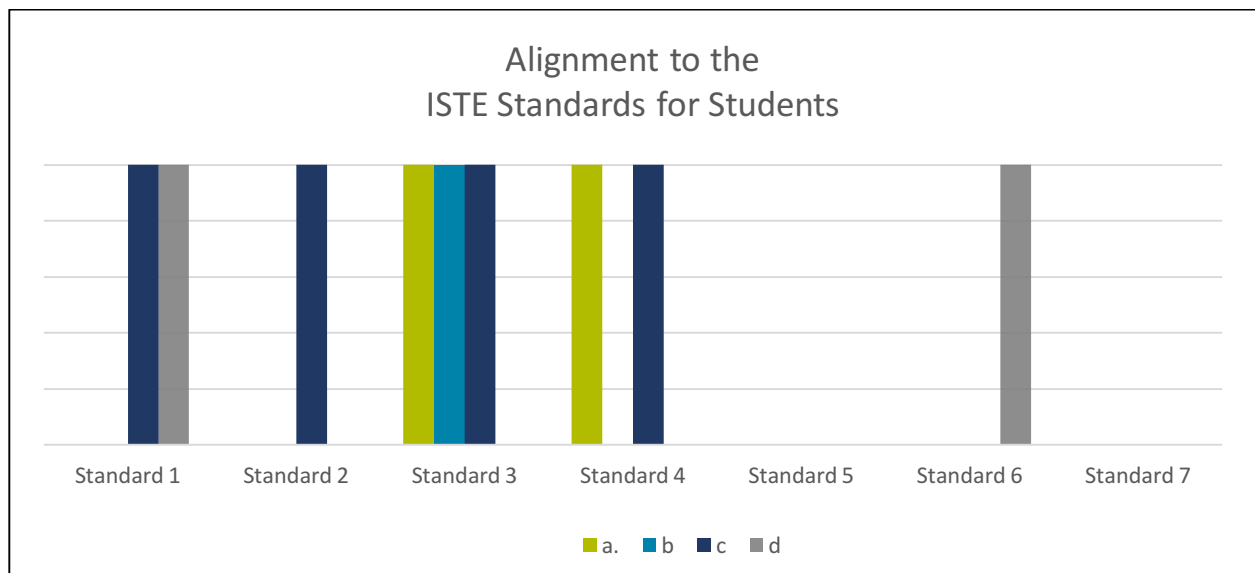
The Edmentum Exact Path resource aligns to the ISTE Standards for Students in the following ways:

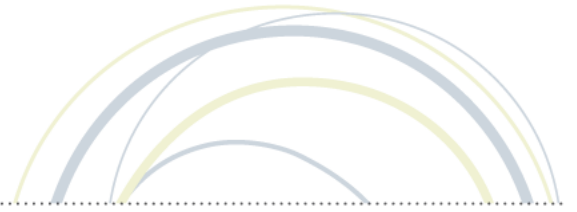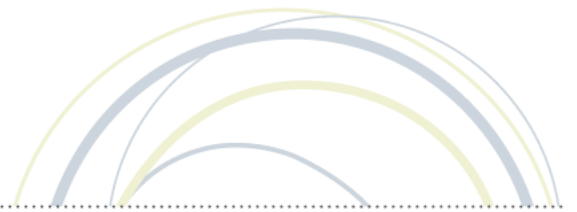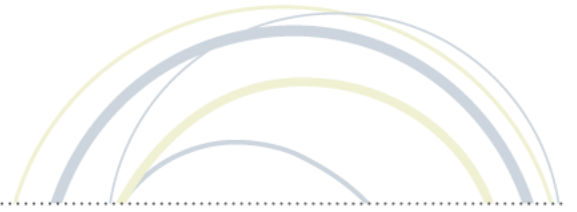| ISTE Standard	Finding Statement
1. Empowered Learner	
1.a. Articulate and set personal learning goals, develop strategies leveraging technology to achieve them and reflect on the learning process itself to improve learning outcomes.	
1.b. Build networks and customize their learning environments in ways that support the learning process.	
1.c. Use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.	Students demonstrate learning by creating media presentations, writing essays and short answer pieces in a word processor, and constructing mathematical equations in a digital environment.
1.d. Understand the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies.	Students use a sophisticated online system that has additional tools within the program, as well as links to tools and systems external to the Edmentum program.
2. Digital Citizen	
2.a. Cultivate and manage their digital identity and reputation and are aware of the permanence of their actions in the digital world.	
2.b. Engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.	
2.c. Demonstrate an understanding of and respect for the rights and obligations of using and sharing intellectual property.	There are numerous lessons around this topic including lessons about creating proper citations of intellectual property using digital tools and avoiding plagiarism, among others.
2.d. Manage their personal data to maintain digital privacy and security and are aware of data-collection technology used to track their navigation online.	
3. Knowledge Constructor	

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3.a. Plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.	Students use digital tools to brainstorm ideas and identify resources for given topics.
3.b. Evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.	Students evaluate points of view in written passages, are given basic instruction in evaluating credibility of Web resources, and learn to determine if individual information chunks are relevant to a given topic.
3.c. Curate information from digital resources using a variety of tools and methods to create collections of artifacts that demonstrate meaningful connections or conclusions.	Students use basic digital tools to collect and organize information as part of writing activities.
3.d. Build knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.	
4. Innovative Designer	
4.a. Know and use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.	Students are given practice in using a guided, iterative design process for generating a variety of written responses in a digital environment.
4.b. Select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.	
4.c. Develop, test and refine prototypes as part of a cyclical design process.	A digital environment is used to create drafts, revisions, and final copies in a variety of written assignments.
4.d. Exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.	
5. Computational Thinker	
5.a. Formulate problem definitions suited for technology-assisted methods such as data analysis, abstract models and algorithmic thinking in exploring and finding solutions.	
5.b. Collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.	

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5.c. Break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.	
5.d. Understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.	
6. Creative Communicator	
6.a. Choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.	
6.b. Create original works or responsibly repurpose or remix digital resources into new creations.	
6.c. Communicate complex ideas clearly and effectively by creating or using a variety of digital objects such as visualizations, models or simulations.	
6.d. Publish or present content that customizes the message and medium for their intended audiences.	Students learn about and create written responses for different audiences, using formal and informal tone. They also write creative pieces, pieces appropriate for a blog, and pieces suitable for posting on a website.
7. Global Collaborator	
7.a. Use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.	
7.b. Use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.	
7.c. Contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.	
7.d. Explore local and global issues and use collaborative technologies to work with others to investigate solutions.	

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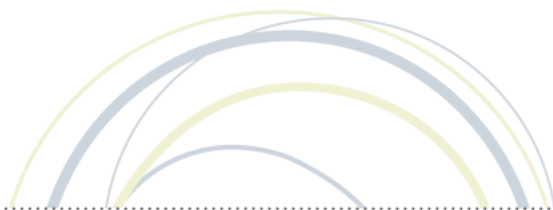
CONCLUSION

Edmentum's Exact Path provides richly varied online instruction supported by a powerful diagnostic/prescriptive system that helps teachers effectively monitor and guide student progress.

Reviewers found the Exact Path interface to be kid-friendly and customized for students in both lower and upper grades. The quality of the interface is relatively high and there are a number of tools available for students to use within lessons including a highlighter, translator, and notepad tool.

Exact Path contains features and components that collectively contribute to laying a foundation of basic technology skills that enhance awareness of technology applications. By using this resource as intended, students are better prepared to advance in their development toward fully embodying the skills reflected in the ISTE Standards.

While the ISTE Standards are not the focus of the system, students enrolled in the Exact Path curriculum will engage in a wide variety of technology-supported activities that will help prepare them for future, deeper opportunities to leverage technology in ways that empower independent student learning.