REMOTE LEARNING FEATURES REVIEW

HMH Algebra 1 Texas Hybrid Consumable Student Resource Package (2-Year Print/2-Year Digital)

Houghton Mifflin Harcourt

Section I. Remote Learning Features

Digital and printable resources

Student materials include both digital and printable resources.

Resource	Available Digitally	Printable
Student edition	Yes	Yes
Student workbook	Yes	Yes
Student worksheets	Yes	Yes
Texts/books	Yes	Yes
Subject specific tools	Yes	—
Activities	Yes	Yes
Quizzes	Yes	Yes
Tests	Yes	Yes

Additional digital resources include a multilingual glossary, *Math-on-the-Spot* tutorials, a *Student Resource Locker*, and real-world videos.

Printable resources are available in PDF format; thus, the entire resource, select components or select pages can be printed. Certain components, including leveled unit and module tests, unit performance tasks, challenges, Response to Intervention, practice problem solving, reteach strategies, and *Success for English Language Learners* (ELL) can be edited prior to printing.

Tools for special populations

The digital *Student Resource Locker* contains the following tools for special populations:

- Reteach and reading
- *Response to intervention*

- *Success for ELL*

Connection between print and digital components

Content in print and digital components is similar but the digital version contains additional features and tools including a teacher dashboard, (which provides access to the interactive teacher edition) reports, assignments, professional development videos, mySmart Planner, ExamView, and presentation tools. All online and offline student work and grades are synced with the teacher dashboard. The interactive teacher edition allows teachers to customize lessons and save notes online while sharing content with students from an interactive whiteboard.

The HMH Player™ app in the digital material helps teachers provide remote students with a learning experience that is equitable to that of in-person students. Teachers can customize lessons with content from other resources, present, communicate, monitor, and chat with students in real-time.

Completion, submission, and review of work

Students can complete and submit work online through the product platform. The platform requires student rostering and is compatible with many popular student information systems including:

- Infinite Campus
- Powerschool
- Skyward
- Texas Student Data System (TSDS)

Teachers are not required to load content into the district LMS.

Teachers can review students' work and provide feedback online through the product platform.

Grade-level differences

The material's content delivery features (e.g., navigation tools, text complexity, text density, lexile range) are consistent across the middle and high school grade levels.

Section II: Synchronous Instruction

Teacher guidance for synchronous instruction

Although the teacher guidance does not specifically address how to use the material in a remote learning environment, the material's At-Home Resources provide tips and best-practice strategies for remote learning. Additionally, most units contain a professional development video featuring a teacher demonstrating the concept that is the focus of the unit. These videos can be used to facilitate synchronous instruction.

Supports for student-to-student interaction

The HMH Player™ app includes the following features to support student-to-student interaction:

- Breakout rooms
- Group projects
- Instant messaging

The app allows teachers to monitor and turn off student-to-student interaction.

Supports for teacher-to-student and student-to-teacher interaction

The following features in the material support student-to-teacher and/or teacher-to-student interaction:

- Feedback capabilities
- Instant messaging
- Chat

The HMH Player™ app enables students to message the teacher and ask and answer questions. Teachers can set up study groups, send notifications, and provide immediate feedback to the whole class or to individual students through the app.

Section III: Asynchronous Instruction

Support for asynchronous/independent learning

The following features in the material support concept development:

- Feedback capabilities
- Videos
- Sample work and/or Examples
- Simulations and/or Animations
- Guided activities/problems

The online content includes interactive problem sets, videos and tutorials, and the *Personal Math Trainer* (PMT). Feedback is provided in the form of multiple attempts, display of correct/incorrect answers, tips for students, demonstrations or guided practice, and adaptive feedback. When multiple attempts are provided, the material repeats existing questions in the same order and generates new questions. Videos highlight real world applications and explain example problems. Videos occur in most lessons and deliver instruction using recorded teacher lectures, computer-narrated slideshows, and narrated examples. Lessons contain step-by-step examples for short response questions and projects. The PMT is an adaptive math practice, homework and formative assessment tool. The PMT provides example student work and guided step-by-step solutions and gives students the ability to check their work online. Simulations and/or animations are provided in more than half of the lessons.

Section IV. Progress Monitoring Features

Progress monitoring by teachers, parents/guardians, and students

The material includes the following features and reports to help teachers monitor student progress:

Features	Student (self-monitoring)	Families	Teachers
Usage	—	—	—
Time on task	—	—	—
Assignment completion	—	—	**Yes**
Standards mastery	—	—	**Yes**
Skills mastery	—	—	**Yes**
Automatic scoring	—	—	**Yes**

The material provides scoring reports by individual student, class, and grade level.

Integration of progress monitoring tools

The program's progress monitoring features cannot be integrated directly with district progress monitoring systems, but student performance data can be exported into a CSV file for use with other software applications. Grade pass–back is not supported.

Assessments

All assessments can be completed remotely through the material's platform.

Teacher guidance/recommendations

The material's progress monitoring features provide guidance or recommendations to help teachers support individual students including:

- Tiered interventions
- *Supports for ELL*
- Differentiation prompts

Section V. Usability for Families

Sign-on process

All users can log into the program through single sign-on (SSO). The program integrates with Self Service Google SSO, SAML, and OpenID Connect setup. Classlink provides additional, non-self-service SSO options. Parents access the digital platform using their child's login credentials.

Built-in support for students and families

The following embedded supports help students and families understand the material's content:

- At-Home learning guide with content support
- Student Help Center with content-focused articles and *Math-on-the Spot* Videos
- Multi-language glossary

The supports, other than the glossary, are only available in English. The downloadable multilingual glossary includes English, Spanish, Chinese, Vietnamese, Khmer, Laotian, Arabic, Haitian Creole, Russian, Portuguese, and Hmong.

The material's supports for special populations include:

- Multilingual glossary
- Differentiated instructional resources, including leveled practice and problem solving, reading strategies, *Success for ELL*, and challenges.

Supports are only available in English.

Districts will not incur additional costs for these supports.

Section VI. Training and Support for Teachers

Teacher training and support

The following resources assist teachers in using the material for remote learning:

- Tech support
- Teacher Guide
- Video model lessons
- Help Center with Frequently Asked Questions/ How-to Instructions
- Differentiation guidance
- Professional development (point-of-use)

Teacher training and support are only provided in English. Resources addressing the needs of special populations are highlighted in the introductory video for each lesson. These resources include reteach and reading strategies, *Response to Intervention*, and *Success for ELL*.

Section VII. Addresses Unfinished Learning

Vertical alignment of standards and content

A pacing guide that outlines the recommended sequence and time requirements is included. Each lesson and unit identifies the student expectation(s) addressed.

Guidance on how to address missed learning

To identify missed learning from the previous grade level, the material includes a diagnostic test that assesses knowledge of key objectives that will be taught during the current school year. A placement test assesses prerequisite skills mastery. Are You Ready questions assess knowledge skills needed for each lesson and module quizzes identify missed learning in the current unit. Teachers can use modified quizzes for students who are considerably below level. The Study Guide addresses missed learning by directing students to lessons where each skill is addressed.

Texas Essential Knowledge and Skills (TEKS) aligned tutoring resources

While assessments and performance tasks diagnose missed learning, the material does not contain tutoring content that is separate from the program's general instructional content.