

REMOTE LEARNING FEATURES REVIEW

HMH ScienceFusion 6–8

Texas Basic Classroom Package (1–Year Print/1–Year Digital)

Houghton Mifflin Harcourt Publishing Company

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	Yes
Activities	Yes	Yes
Quizzes	Yes	Yes
Tests	Yes	Yes

Printable resources can be printed by select pages and select components. The student edition is available in PDF format and cannot be edited prior to printing. Lab Manual and Assessment Guide worksheets are available as editable Word documents. Once ExamView software has been installed on a computer, ExamView Banks can be downloaded and edited prior to printing.

Tools for special populations

The digital student material contains the following tools for special populations:

- Text magnification
- Audio support with closed captioning
- Multilingual glossary
- Spanish resources
- Vocabulary cards and *Extra Support for Vocabulary and Concepts*

- Enrichment resources including *People in Science*, *Take it Further*, *Careers in Science*, and *Science Fair Projects*

Connection between print and digital components

Content in print and digital components is similar but the digital version contains additional features/tools including audio support, digital lessons with audio support, interactive activities and virtual labs.

The digital material provides remote students with a learning experience that is equitable to that of in-person students by providing the additional tools mentioned above. For students with limited internet access, all digital components include companion worksheets that can be printed or completed offline.

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 the following student information systems:

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

Teachers can review students' work but cannot provide feedback online through the product platform.

Grade-level differences

The following content delivery features vary by grade level:

- Complexity of directions
- Lexile range
- Text complexity/readability

The directions, questions, and text increase in complexity across the grade levels in this grade span.

Section II: Synchronous Instruction

Teacher guidance for synchronous instruction

Although the teacher guidance does not specifically address using this material for remote instruction, teaching strategies and printable lesson plans support teachers in delivering synchronous instruction.

Supports for student-to-student interaction

As long as the students have downloaded the requisite software or app, the material's embedded whiteboard can be used to facilitate student-to-student interaction.

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

Teachers can grade and comment on student assignments and can interact with students using the embedded interactive whiteboard, as long as the students have downloaded the requisite software or app.

Section III: Asynchronous Instruction

Support for asynchronous/independent learning

The following features in the material support concept development:

- Feedback capabilities
- Videos
- Audio files
- Sample work and/or examples
- Simulations and/or animations
- Guided activities/problems

Teachers can provide feedback on student assignments. Digital lesson activities provide students with multiple attempts to select the correct answer. When multiple attempts are provided, questions are repeated in the same order and incorrect/correct answers are displayed. In all units, digital lessons and virtual labs include videos with narrated examples, simulations, and animations. The speed of videos cannot be adjusted to accommodate differences in students' auditory processing abilities. Sample work and/or examples are provided with short responses in more than half of the units.

Section IV. Progress Monitoring Features

Progress monitoring by teachers, parents/guardians, and students

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

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

The material provides scoring reports by individual student and class.

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

Some assessments including quizzes, unit pre-tests, unit assessments A and B, and the *DOK Skill Builders* can be completed remotely through the material's platform.

Teacher guidance/recommendations

Teachers can set an assessment to prescribe content and/or to assign either general or individually customized follow-up assessments for students.

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 parents/guardians understand the material's content:

- Quick Start Guide
- Student Help
- School-Home Connection (dual language)
- At-Home learning activities available through HMH's Shaped blog
- Frequently Asked Questions
- Multi-language glossary
- Digital lessons
- Unit reviews
- Unit self quizzes
- Digital student resources, including Take it Home worksheets, Student Edition Companion Notebook, Digital Lesson Companion and the Student Handbook

The supports, other than the Glossary, are available in English. The glossary provides vocabulary support in English and Spanish.

The material's supports for special populations include:

- Spanish digital student resources
- Multilingual glossary
- Closed-captioning for digital lessons and virtual labs
- Interactive whiteboard with vocabulary games and graphic organizers

Most supports are available in English and Spanish. The multi-lingual glossary is available in English, Spanish, Chinese, Vietnamese, Khmer, Laotian, Arabic, Haitian Creole, Russian, and Portuguese. Districts will not incur additional costs for these supports.

Section VI. Training and Support for Teachers

Teacher training and support

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

- Tech support
- Teacher edition resources, including digital lessons and virtual labs
- Getting Started training
- At-Home Learning Support
- Help center with frequently asked questions/ how-to instructions
- Video-based projects
- Lesson Plan Sets

Teacher training and supports are provided in English.

The teacher edition contains several resources to address the needs of special populations, including *Differentiated Instruction* guidance at the beginning of each unit and point-of-use differentiation guidance, leveled inquiry prompts, and strategies for English Language Learners. HMH Support also provides science video tutorials, and the Assessment Guide provides alternative assessments.

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 unit, topic, individual lesson clearly identifies the student expectation(s) and the English Language Proficiency Standards addressed.

Guidance on how to address missed learning

Unit reviews and a variety of assessments, including unit pretests, formative and summative assessments, portfolio assessments, performance-based assessments, and *TEKS DOK Skill Builders* identify students' missed learning in each unit. Teachers can set assessments to prescribe content to address students' missed learning and to automatically assign follow-up assessments.

Texas Essential Knowledge and Skills (TEKS) aligned tutoring resources

The material does not contain separate tutoring resources. However, TEKS-aligned resources in the material including *TEKS DOK Skill Builders*, review passages in the *Texas Assessment Review and Practice*, and STAAR practice tests, can be used to support tutoring. These resources are available in English and Spanish.