REMOTE LEARNING FEATURES REVIEW

HMH Texas Chemistry Basic Classroom Package
1-Year Digital Subscription (75 Students)
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	—	—
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. Lab manuals, most worksheets, and the *Assessment Guide* pages are available in Word and can be editable prior to printing. ExamView banks are downloadable and editable, as well.

Tools for special populations

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

- Text magnification
- Multilingual Glossary
- Note-taking and highlighting tools
- *Strategies for English Language Learners*
- Scientific Reasoning Skill Builder
- Alternate assessments

Connection between print and digital components

Content in print and digital components is similar, but the digital version contains additional features and tools including videos, virtual labs, a hyperlinked glossary, interactive review games, problems, and concept maps, and digital graphing and calculator tools.

The digital material provides remote students with a learning experience that is equitable to that of in-person students by providing digital access to all resources to support learning from home.

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

Grade-level differences

Chemistry is a stand-alone high school course.

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

The material relies on the district LMS to support remote student-to-student interaction.

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

The material's platform does not contain tools to facilitate remote student-to-teacher or teacher-to-student communication. Teachers and students can communicate using the district's preferred video conferencing platform (Zoom, Teams, Google Meet) and/or tools in the district's LMS.

Section III: Asynchronous Instruction

Support for asynchronous/independent learning

The following features in the material support concept development:

- Feedback capabilities
- Videos
- Simulations and/or animations
- Sample problems and guided activities

Teachers can review and respond to student notes in the student eBook. The eBook's interactive *Solution Tutor* and review games give students multiple attempts to answer the same question, display the correct answer, and provide tips and guided practice. All chapters include videos, such as *Why It Matters*, *Animated Chemistry,* and *Learn It!*, that deliver instruction using animation, recorded teacher lectures, and narrated examples. The speed of videos cannot be adjusted. Example problems, including interactive *Solve It!* cards are provided in all chapters. Simulations and demonstrations, including *Online Labs*, are available in all chapters of the eBook.

Section IV. Progress Monitoring Features

Progress monitoring by teachers, parents/guardians, and students

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

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

The material provides score 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 administrators and teachers can export student data into a CSV file for use with other software applications. Grade pass–back is not supported.

Assessments

Some assessments, including section quizzes and chapter tests A and B, can be completed remotely through the material’s platform.

Teacher guidance/recommendations

The material's progress monitoring features prescribe intervention and retesting activities based on individual student's responses.

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:

- *Help* feature identifies the available student resources
- HMH's *Shaped* blog provides at-home activities
- Frequently asked questions
- Student resources, including classroom and virtual labs, study guides, project resources, *Texas Chemistry Reference Materials*, and FoldNotes
- Hyperlinked, multi-language glossary

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

Student resources to support special populations include:

- Strategies for English Language Learners
- Student tools, including *Scientific Reasoning Skill Builder*

These supports are also 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 embedded training resources and supports assist teachers in using the material for remote learning:

- Tech support
- Teacher resources
- How-to webinars
- Video model lessons
- Help center with frequently asked questions/ how-to instructions

Teacher resources include classroom and virtual labs, teaching strategies for each chapter, and teacher tools, such as classroom management resources, a lesson

planner, and teaching guides. Teacher training and supports are only provided in English.

Several teacher resources address the needs of English learners, including a multi-language glossary, *ELPS Strategies,* and *Building English Language Proficiency*. Additionally, the chapter-specific *Teaching Strategies* documents provide alternate assessments and guidance for differentiating instruction. The teacher edition provides point-of-use guidance for differentiating instruction.

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 individual lesson clearly identifies the student expectations addressed.

Guidance on how to address missed learning

The material includes a variety of tests and quizzes to diagnose students' missed learning in the prior year and current chapter, including a diagnostic test at the beginning of each chapter, self-checks and section quizzes, chapter post-tests, and end-of-course review and practice. The assessments do not provide teacher guidance or instructional content to address missed learning.

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 point-of-use *Assess and Reteach* content, section and chapter reviews, reinforcement, and labs can be used to support tutoring.