



## REMOTE LEARNING FEATURES REVIEW

HMH Texas Biology 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	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. Lab Manuals, Skillsheets, and Assessment Guide pages are available in Word and can be edited 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
- Spanish resources
- Strategies for English Language Learners
- Scientific Reasoning Skill Builder

## **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, interactive self-checks, and digital graphing and calculator tools, and interactive glossaries. The digital material provides remote students with a learning experience that is equitable to that of in-person students by providing students with 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**

Biology 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
- Audio files
- Simulations and demonstrations
- Sample problems and guided activities

Teachers can review and respond to student notes in the student ebook. The ebook’s online self-checks give students multiple attempts to answer the same question and display the correct and incorrect answers. Most chapters include videos, such as *Animated Biology*, *Biology Video Clips*, and *Virtual Investigations*, that deliver instruction using recorded animation, teacher lectures, and narrated examples. The speed of videos cannot be adjusted. Examples and sample work are provided with labs and tasks in many chapters. Simulations and demonstrations, including *Virtual Investigations* and *Online Labs*, are available in most 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 online section pre-tests, section quizzes, chapter tests, and reporting category assessments, 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:

- MyHRW Student Resources Help
- At-Home learning activities available through HMH's *Shaped* blog
- Frequently Asked Questions
- Student Resources, including study guides, classroom and video labs, project resources, and FoldNotes
- Hyperlinked, multi-Language glossary

The 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:

- Audio chapter summaries
- Spanish resources, including audio files, student edition pages, study guides, reinforcement, and classroom labs
- Strategies for English Language Learners
- Student tools, including Scientific Reasoning Skill Builder

Except for the Spanish resources, these 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 teacher resources include the following training and supports to 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 labs in English and Spanish, virtual labs, chapter-specific teaching strategies, and teacher tools, such as Classroom Management Resources, a Lesson Planner, and teaching guides. Teacher resources for Biology also include Spanish resources and resources for English learners, including modified lesson plans. Other than the Spanish resources, the teacher training and supports are provided in English.

Several teacher resources address the needs of special populations. Assessments are provided in English and Spanish, including alternative assessments. Support for English learners includes a multi-language glossary, English Language Proficiency Standards (ELPS) strategies, and modified lesson plans. The *Teaching Strategies* document for each chapter provides guidance on differentiating instruction, and the teacher edition provides point-of-use guidance for differentiating instruction.

## **Section VII. Addresses Unfinished Learning**

### **Vertical alignment of standards and content**

The material does not include a pacing guide. Lessons clearly identify the student expectation(s) addressed, and a correlation tool identifies resources in the material that are linked to individual Texas Essential Knowledge and Skills (TEKS) and ELPS breakouts. Teaching Strategies contains a brief *Activate Prior Knowledge* section. Labs also identify necessary prior knowledge.

### **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 pretest 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.

### **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, skill sheets and study guides, section and chapter reviews, and labs, can be used to support tutoring.