REMOTE LEARNING FEATURES REVIEW

Creative Mathematics Curriculum with STEM, Literacy and Arts
Texas Edition
TPS Publishing, Inc.

Section I. Remote Learning Features

Digital and printable resources

Student materials include both digital and printable resources.

Resource	Available Digitally	Printable
Student edition	Yes	—
Student workbook	Yes	Yes
Student worksheets	Yes	Yes
Texts / books	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. Printable resources, other than the Assessment Database, cannot be edited prior to printing. The Assessment Database allows teachers to generate a quiz or test by selecting the Texas Essential Skills and Knowledge (TEKS) to be tested.

Tools for special populations

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

- Font magnification
- Student guide with vocabulary support, required prior knowledge, common misconceptions, self–assessments, English Learner support, and at–home extension activities
- TEKS–aligned focus tutorials
- *Creative Math Curriculum With STEM* project guides
- *Archway* phonics and literacy program
- Grade level specific reader activity books
- *Understanding Mathematics through Art* activity book
- Glossaries

Connection between print and digital components

Identical print and digital eBook content accompanied by additional digital components including focus tutorials, interactive workbooks, and interactive assessment tools provide remote students with a learning experience that is equitable to that of in–person students.

Completion, submission, and review of work

Students can submit answers online in the student workbook. The Interactive Assessment Tool allows teachers to assign test questions to students online and students to submit answers online. Multiple–choice questions are automatically graded. Teachers can review students' work but cannot provide feedback through the product platform.

Grade–level differences

Font size decreases across grade levels, while text density, Lexile range, and text complexity increase in successive grade levels.

Section II: Synchronous Instruction

Teacher guidance for synchronous instruction

Teacher guidance does not specifically address how to use the material in a synchronous learning environment; however, the *Teacher/Parent Coaching & Literacy Guide* helps parents work with teachers to support their child's education, and teachers can use the 24–hour helpline for assistance in using the material for synchronous instruction.

Supports for student–to–student interaction

The material does not contain tools to support remote student–to–student communication. Remote student interaction and group projects can be facilitated using the district's preferred video conferencing platform (Zoom, Teams, Google Meet).

Supports for teacher–to–student and student–to–teacher interaction

The material does not contain tools to facilitate remote student–to–teacher or teacher–to–student communication. Teachers can use the district's preferred video conferencing platform (Zoom, Teams, Google Meet) to communicate with students.

Section III: Asynchronous Instruction

Support for asynchronous/independent learning

The following features in the material support concept development:

- Feedback capabilities
- Sample work and/or examples
- Guided activities

The Interactive Assessment Tool provides students with multiple attempts to answer each question and automatically grades multiple–choice questions. The Texas Homework System allows teachers and parents to view the time spent and the number of attempts on each assigned question and automatically grades student work. The Texas Homework System's interactive workbooks provide examples, and the Assessment Database quizzes can be set to provide model answers. *Student Narratives* throughout the student textbook provide guided activities with writing assignments and short response items. The *Student Project Edition* contains step–by–step instructions for each STEM project, and the activity guides in the After School Math Library contain stepped–out activities.

Section IV. Progress Monitoring Features

Progress monitoring by teachers, parents/guardians, and students

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

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

The Interactive Assessment Tool provides automatic scoring by individual student and class. Additionally, teachers can use Progress Charts in the Blackline Masters to monitor student progress on activities and assessments.

Integration of progress monitoring tools

The material's progress monitoring features can be downloaded into a CSV file and integrated with existing district progress monitoring systems. Grade pass–back is not supported.

Assessments

All assessments can be completed online.

Teacher guidance/recommendations

The Interactive Assessment Tool automatically grades assessments completed online but does not provide teacher guidance or instructional content recommendations for individual students; however, TEKS–aligned focus tutorials provide additional content for teachers to use to address individual students' learning gaps.

Section V. Usability for Families

Sign–on process

Teachers, students, and parents use a username and password to sign in.

Built–in support for students and families

The following embedded supports help students and parents/guardians understand the material's content:

- Teacher Parent Coaching & Literacy Guide
- Student Guide with In the Home extension exercises
- Texas Homework System Review
- After School Math Club Library and After School Personal, Social, and Health (PSHE) Library activity guides
- How–to videos, including Ellison Modeling Math and STEM videos
- Glossaries
- 24–hour Helpline
- Frequently asked questions
- Pre–scheduled online tutors

TEKS–aligned focus tutorials, *Understanding Math Through Art*, the *Archway* phonics and literacy program, reader activity books, STEM Project Guides, and glossaries support the needs of special populations.

Most student and parent supports are only available in English; some are also available in Spanish.

Section VI. Training and Support for Teachers

Teacher training and support

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

- 24–hour Helpline
- *Teacher/Parent Coaching & Literacy Guide*
- Teacher textbook and project/activity guides with lesson plans
- TEKS–aligned focus tutorials
- How–to videos, including Ellison *Modeling Math* and STEM videos
- Online assessment tool
- Blackline Masters resources, including pacing plans, progress monitoring charts, glossaries, and teacher feedback forms

If teachers complete and submit the feedback form to TPS after completing a project, TPS teachers will provide guidance on overcoming content delivery challenges.

Vocabulary support, Common Misconceptions, differentiated instruction prompts, including ELL Support, and extension activities throughout the teacher textbook, *Universal Access Alternative Lessons*, STEM and Arts projects, *Archway* phonics and

literacy program, focus tutorials, and reader activity books help teachers address the needs of special populations.

Most teacher training and supports are only available in English; some are also available in Spanish.

Section VII. Addresses Unfinished Learning

Vertical alignment of standards and content

Lesson plans include the recommended sequence of instruction and time requirements. The teacher and student textbooks clearly identify the TEKS addressed in each lesson. Each lesson in the teacher textbook also identifies *What Students Should Know Already*. Additionally, the Focus tutorials, Graded Assessment Database, and Interactive Assessment Tool provide prior grade–level content, as well as questions and answers to use to introduce each lesson.

Guidance on how to address missed learning

The Graded Assessment Database and Interactive Assessment Tool provide pre–assessments by TEKS and allow teachers to create their own below–or at–grade level assessments to identify missed learning in prior grade levels and in the current grade level. The teacher textbook includes formative assessments and the Blackline Master includes benchmark tests to identify missed learning from the current grade level. Progress monitoring tools do not recommend content; however, the TEKS–aligned focus tutorials provide content for reteaching and/or remediation.

TEKS–aligned tutoring resources

The material does not include TEKS–aligned tutoring resources; however, the Graded Assessment Database, Interactive Assessment Tool, focus tutorials, and Homework System's workbooks can support tutoring. Additionally, TPS' 24–hour helpline provides tutoring pacing guides and personalizes the guides to meet the needs of individual students.