School Closure Toolkit for Districts: Academics and Instruction
Updated 4/14/2020

Summary
While the concerns for the physical and emotional well-being of our students, their families, and our educators during this unprecedented time remains everyone's top priority, strategies to support ongoing opportunities for continued learning and academic growth can provide students with the security of a familiar routine and sense of community. Considerations for learning activities that are based upon content and skills already experienced by students may be most appropriate at this time given the anxiousness that many students and adults are facing. As you make plans for digital learning and other opportunities to engage children, we encourage you to find ways to maintain your focus on the same things that matter in every classroom: student safety, building strong relationships with students and families, and creating equitable access to learning by accommodating students' different learning needs.

District and school staff must make decisions about the best way to support their students' learning during time away from school. A district must understand the digital capacity of its community, the devices available to students, and the flexibility parents, teachers, and school leaders have to support the needs of students. In this document, you will find:

- A checklist to help guide your decisions about your approach to instruction
- Best practices for a variety of learning opportunities including paper-based, blended activity-based, and full digital curriculum approaches
- Example schedules and timelines
- A list of digital online resources available for free to all districts

Contacts
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Instructional Planning Checklist
- ☐ Identify the team members who will be responsible for developing and implementing the instructional continuity plan.
- ☐ Determine your district's approach to student learning during school closure (see the "best practices" section of this document to decide which approach will work for your schools and your district), including the intensity of your opportunities for learning, whether they will be fully digital, packet-based, or a blended approach and how that might vary across grade bands, as well as whether you will teach new content or focus on practice and re-enforcing previous learning. In addition, determine which content areas your schools will focus on in the elementary, middle, and high school grade bands.

☐ Assess current availability of digital resources, internet capacity, and in-home instructional materials. Create a plan to supplement Wi-Fi or digital access if you plan to use a fully digital platform or blended approach. The "resources" section of this document offers digital resources and support if you plan to use a digital or blended approach.

☐ Develop expectations for learning schedules during the day, considering coordination among teachers.

☐ Develop a communication plan with families regarding your instructional continuity plan:
  o Determine the role of school leaders and frequency for school updates for families
  o Integrate academic and nutrition messaging to be seamless for families

☐ Develop and communicate expectations for principals regarding:
  o Communication with teachers (frequency and focus)
  o Setting expectations with teachers and monitoring instructional progress
  o Gathering feedback from teachers to inform real-time improvement to systems and structures, and for ongoing problem-solving
  o Ongoing communication with families including frequency, types of content, and alignment to district messaging

☐ Develop and communicate expectations for teachers regarding:
  o Where and when they work. See the "staffing" toolkit for additional guidance.
  o Their role in facilitating digital or packet-based instruction and a regular engagement plan with students
  o Grading and feedback to students
  o Tracking student progress and identifying content/access gaps

☐ Assess current access to family and student contact information and develop a plan for ensuring teachers and families/students can be in contact in the ways you desire, considering any necessary privacy protections.

☐ Identify and coordinate with potential community partners or other local resources that may be able to assist with your plan.

Considerations for Full Online or Blended Learning Opportunities
☐ Determine if teachers will be responsible for choices around scope and use of content and assignments, or if you will have a consistent approach.

☐ Assess student device and internet access to determine a plan to ensure all students can access content. See the "Technology" toolkit for additional guidance.

☐ Consider the necessary differences in your plan across grade levels/schools.

☐ Assess teacher access to devices and internet if they are working remotely.

☐ Consider how to meet the needs of all learners. See the "special education and English learners" portion of this toolkit for additional guidance.

☐ Identify the potential professional learning needs of teachers to facilitate digital or blended learning options.

☐ Identify the potential learning and logistical needs of students and families to support digital or blended learning options.

☐ Develop a plan for technical support with technology platforms, Wi-Fi access, or hardware access for students and educators at home.

☐ Determine a plan for Fine Arts programming using the School Closure Toolkit: Fine Arts and the Fine Arts Resources List.

Considerations for Paper Learning Opportunities

☐ Develop a plan for how materials will be printed if needed.

☐ Review existing resources for readily available materials to convert to print options.

☐ Create a logistics plan for delivering packets. Consider how to leverage meal delivery options to facilitate delivery of packet-based content.

☐ Determine if and how students will submit completed work, and if sanitization is needed.

☐ Determine if and how teachers will provide feedback and support to students as they work and on completed assignments.

Logistics Strategy for Academic Learning

As you narrow your delivery approach for supporting students, you will also need to prepare teachers, communicate expectations to families, and provide logistical updates to all stakeholders. When developing district expectations specific to student learning opportunities, district need to:

- Establish routines for daily/weekly communication updates for teachers and school leaders
    - Districts need to communicate daily with school leaders to ensure that families are getting frequent instructional updates
    - School leaders must communicate teacher expectations, supports, and provide talking points when classroom teachers speak with families
- Provide clear expectations for how each stakeholder should be involved in the learning process
    - Parents need to understand the learning expectations for their child(ren)
    - School leaders must communicate work expectations for teachers and expectations for families
    - Classroom teachers must provide frequent touches with students to reinforce stability and consistency with students
- Review the School Closure Toolkit for Special Populations as well as guidance for ESL supports to create additional supports and scaffolds for all learners. *Revised 4.13.20*
- Consider using resources that increase accessibility for all learners such as PBS At-Home Learning series. The Tennessee Department of Education has partnered with PBS to deliver daily ELA and mathematics lessons to Tennessee students in first through eighth grades from 10 a.m. through 12 p.m. local time beginning April 6th. Four additional hours of content (which can be recorded or watched live) will be streamed each weeknight. Check local PBS channels for nightly broadcasting hours, as these will vary by station. The PBS At-Home Learning series has an ELA flyer and Math flyer to distribute to teachers and school leaders to help incorporate the videos into their distance learning resources. Lesson plans, videos and student resources are also available here. In addition, a parent handout can be shared with families who are watching the PBS At-Home Learning series. Warren County Schools district has created a similar high-

accessibility program and posted learning videos on their [YouTube channel](#) and are televised on their local TV station Warren County Schools Television. *Revised 4.13.20*

- Share the ReadyRosie resource with families of young learners. ReadyRosie is an app that allows families to continue learning at home. The app can be accessed on the Internet or on a cell phone. ReadyRosie shares a daily modeling moment video geared at two levels, birth to five year olds (our earliest learners) and grade one through grade three (our early school agers). TN families can sign up [here](#). These brief lessons have been customized for all TN families and will be available at no charge until September. [This resource](#) is made possible by a partnership with the Governor's Early Literacy Foundation. Additional information regarding this partnership can be found [here](#). *Revised 4.13.20*

Best Practices for Digital Learning and Blended Learning Models

	In the elementary grades	*In the secondary grades*
With online and digital communication	Distinguish between tools students can use on their own, tools any adult can help students use, and tools that require teacher support.	Maintain teachers' roles as mediators and facilitators of learning—children and young adults still need their academic and relational supports.
With phone- and paper-based communication	Daily practice with emerging skills is especially important for younger children: encourage families to structure short, frequent bursts of math and reading practice each day.	Identify a single school-based point of contact (e.g., a homeroom or advisory teacher) for every student who can field and relay any questions from them and their families.

Best Practices for K-5 Learners
As young students with access to at home, digital learning work in different content areas, there are unique considerations that help set up the learning experience to be beneficial as students continue to grow academically in the absence of a direct teacher. K-2 students should limit direct learning from technology.

Choosing the Right Approach for Young Learners:
K-2 Learners should experience digital learning for 30 minutes or less for daily instruction; and therefore, opportunities for learning should focus on blended or packet-based learning. In addition, parent supports need to be more prevalent when sending K-2 learning resources home. Finally, learning opportunities should include play-based opportunities as well as exploratory activities. See the "Resources" section of this document for additional information.

3-5 learners should also have limited direct digital instruction each day. For these learners, a blended or packet-based approach is most appropriate for daily learning opportunities. Students in grades 3-5 should have independent practice activities in all content areas as well as include exploration and inquiry opportunities with their family. See the "Resources" section of this document for additional information.

In consideration of elementary ELA instruction, even with access to rich, plentiful content online, elementary students need ample opportunities to engage with new learning in multisensory ways and reinforcement activities through a digital platform.

- Writing should include pencil-and-paper practice even if the results are difficult for teachers to view and assess. Developing handwriting skills is valuable even for students who are simultaneously learning to type.
- Touch, sound, and physical movement are also valuable learning opportunities, especially when accompanied by rich language use.
- Talking with adults about the world develops students' oral language, conceptual knowledge, and vocabulary skills, which contribute directly to reading comprehension.
- Wordplay—and, for the youngest students, play with speech sounds even when they don't form words—helps develop awareness of phonemes and other aspects of language.
- Conversational give-and-take is especially important such as the experience of passing words and meaning back and forth with others.

In addition, children also need daily exposure to grade-level connected text, including text read aloud to them accurately and with feeling, as well as daily reading fluency practice. Fluent, engaging read-alouds of complex text, with students following along in the text on a screen or on paper, are a key component of digital or blended learning for younger students and can be delivered by teachers through daily technology tools or pre-recorded videos delivered through flexible digital methods.

In mathematics, students need opportunities to interact with numbers in a wide variety of ways. Digital platforms offer opportunities for students to practice skill-based mathematics that is grade appropriate. These opportunities are often accompanied by educational videos or simply an indication of whether the mathematics problem has been solved correctly, and if not, shows where a mistake occurred. Online games let students practice computational mathematics in ways that are fun, engaging, and tightly aligned to specific desired competencies.

As with ELA, there are many multi-sensory ways students can access mathematics as well.

- For the youngest students, having the opportunity to orally recite the names of numbers, count objects, and make connections between the names of numbers, and how many objects are represented in groups supports their early number sense.
- As students get older, students need the opportunity to talk through how they think about combining numbers in various ways that are encountered in their daily lives.
- Students in upper elementary school could be daily making connections to the mathematical operations and their daily lives particularly as it relates to fractions.

District spotlight: Salem Elementary School in Murfreesboro City has created a daily "At Home" learning guide for students and parents: http://www.salemelementary.net/at_home_learning.

Sample Daily Schedule for K-2 Blended or Packet-Based Activities

Activity	Duration	Frequency
Reading or Fluency Practice	20 minutes	Daily
Writing	20 minutes	Daily
Math Fluency	20 minutes	Daily

Science/Social Studies	30 - 45 minutes	Daily
Physical Movement Activities	45 minutes	Daily
Creativity Activities	30 – 45 minutes	Daily

Sample Daily Schedule for 3-5 Blended or Packet-Based Activities

Activity	Duration	Frequency
Reading (Fluency Practice)	30 minutes	Daily
Writing	20 minutes	Daily
Math Fluency	20 minutes	Daily
Science/Social Studies	30 - 45 minutes	Daily
Physical Movement Activities	45 minutes	Daily
Creativity Activities	30 – 45 minutes	Daily

Best Practices for 6-12 Learners

6-12 learners should feel connected to their content teachers whether a district chooses to continue learning through a packet-based approach, a blended set of learning opportunities, or launches fully digital content structures. Districts also need to consider that much of the content in these grades is unfamiliar to other family members and offering digital resources or teacher virtual office hours will allow students to maintain support from teachers. In addition, districts should consider the type of work that students are being asked to do.

If a district chooses a **traditional packet-based approach**, content area work should focus on skill reinforcement and practice opportunities. Multiple content areas should be represented (see sample schedule), and extension activities that could be accessed in print or through digital spaces should be offered. Review the resource section for packet-focused materials as well as practice tools that can be used in a print environment. When developing learning packets for students, it will be important to remember to build in as many supports as possible for both students and family members who are providing support and direction to the student as they work at home. Building in concrete examples and communicating clear expectations and directions will be key to students' ability to access the work provided for them. Think about offering students opportunities from across the entire spectrum of a subject. For example in math, provide fluency practice, games, procedural practice, and real-world application practice. Build in time for feedback loops with students. If the activities are dependent upon one another in order for students to complete them successfully, intentionally build in time to support the ability to provide feedback or, at a minimum, office hours for students to ask questions. This will allow students to build necessary prior knowledge as they move through the continuum of learning.

District Spotlight: (Comms Please determine best fit)
Maury County school district has organized packet pickup in conjunction with meal pickup for parents at their schools across a variety of grade levels.

If a district chooses to use a **blended-learning activity approach**, district and school leaders should ensure that students have multiple content opportunities weekly. Content for ELA, math, science and social studies should be represented. In addition, students should have the opportunity to write (whether submitted to teachers for feedback or not). Each activity asked of students should be connected to a larger body of learning, and the activities should be seen as meaningful and purposeful. Recommended daily times are included to help guide your staff in selecting activities for a blended approach for learning. Use the activity section of the resource guide to find appropriate activities.

District Spotlight: Salem Elementary School in Murfreesboro City is providing a daily "At Home" Guide for parents and students. http://www.salemelementary.net/at_home_learning

If a district chooses a **fully digital platform for learning**, students should be provided structured opportunities to interact digitally with content and to receive consistent feedback from teachers. These options should be provided where possible to ensure the continuum of learning for students. On many digital platforms, digital content allows for students to see instructional content explained as well as an opportunity to receive instant feedback on how well they are completing tasks. It also provides the opportunity for teachers to receive assignments quickly for providing feedback. Virtual platforms give students the chance to read and respond to one another's writing, annotate texts with comments and questions that their peers can see, chat orally and write about academic texts and topics, and refine ideas through discussion and debate. It is important for students to continue to have opportunities to process and communicate their thinking orally as well as in writing. Oral expression and listening skills are ends in themselves as well as critical supports for content knowledge and writing expertise.

In some cases, digital resources also offer students the opportunity to practice what they have learned in a packet-based or digital format. Practice can offer the opportunity for students to take a digital break and demonstrate what they have learned. A district may choose to provide fluency practice, games, reading texts, or science explorations that are not digitally-based to ensure students have the opportunity to learn through multiple modalities.

Sample Daily Schedule for 6-8 Blended or Packet-Based Activities

Activity	Duration	Frequency
Reading (Content Specific)	45 minutes	Daily
Intendent Reading	20-30 minutes	Daily
Writing (Grounded in Text)	20 minutes	Daily
Math	30-45 minutes	Daily
Physical Movement Activities	45 minutes	Daily
Creativity Activities	30 – 45 minutes	Weekly

Sample Daily Schedule for 6-8 Digital Platform Approach

Activity	Duration	Frequency
Reading (Module based)	30 minutes	Daily
Intendent Reading	20-30 minutes	Daily
Writing (Module based)	20 minutes	Daily
Math (Module based)	30 minutes	Daily
Math fluency	20 minutes	
Science/Social Studies (Module based, but may be incorporated into reading)	30 minutes	Daily
Physical Movement Activities	45 minutes	Daily
Creativity Activities	30 – 45 minutes	Weekly

Daily Schedule for 9-12 Blended or Packet-Based Activities

Activity	Duration	Frequency
Course Specific (additional time may be needed for courses required for high school graduation)	30 minutes (per course)	Daily
Physical Movement Activities Additional time may be needed for courses required for high school graduation; i.e., Lifetime Wellness)	45 – 60 minutes	Daily
Creativity Activities	30 – 45 minutes	Daily

Daily Schedule for 9-12 Digital Platform Approach

Activity	Duration	Frequency
Course Specific (assigned course and sequence) Note: this timing should replicate student's daily schedule	30 minutes (per course)	Daily
Physical Movement Activities	45 – 60 minutes	Daily

Additional time may be needed for courses required for high school graduation; i.e., Lifetime Wellness)		
Creativity Activities	30 – 45 minutes	Weekly

High Accessibility Resources

Resources below are available from partnerships with TN organizations and provide high accessibility with low technology resources. *Revised 4.13.20*

Resource	Content Area and Grade	Description
PBS At-Home Learning Series	ELA and Mathematics, Grade 1-8	Through a partnership with TN PBS stations, TN students have access to daily ELA and Math instruction. 30 minute ELA and math lessons focus on review and practice of grade level instruction. Lessons, student packets, and videos are available on the home page. In addition, resources for educators and families allow this content to be embedded into district planning. Check the link for the daily PBS schedule.
Ready Rosie	Birth-Grade 2	This platform allows TN families to have free access to early education resources. Modeled moment videos, available in both English and Spanish, equips families with simple and fun activities to support their children's learning at home. The brief video "moments" feature real families demonstrating instructional activities that parents can then replicate with their own children and are rooted in learning goals for children on topics such as literacy, early math, health and well-being.

Core Curriculum Resources

Resources below are either open source full curricula or resources developed by publishers to fully supplement their existing curricula for school closure purposes. For specific resources on Fine Arts, see the Fine Arts resource page. *Revised 4.13.20*

Resource	Content Area and Grade	Description
Benchmark Education	ELA, Science, Social Studies	Provides the state of Tennessee access to a robust library of interactive eBooks with audio on the Benchmark Universe platform for students in grades K through 6. With this eBook library, students can listen to books and read books of their choice as they explore a variety of genres and text types.

Bookworms	ELA, K-5	This curriculum was reviewed for Tennessee's 2019 adoption, but was not selected. Since that time, the publisher has revamped options, and districts may find some valuable resources for planning home-based learning experiences for literacy.
Amplify	ELA, reading, K-8	**Supplemental ELA Resource: Amplify Reading K-5** Free, digital, adaptive resource to help all students continue their literacy development in any remote learning environment for the remainder of this school year. Register here: https://amplify.com/remotelearning/reading/ **Amplify 6-8 Core Curriculum: Amplify ELA** Free, downloadable versions of all print resources for current ELA users. Access to these resources is at www.amplify.com/remotelearning Beginning next week, material will be released to all Tennessee teachers, including non-Amplify users, to help them navigate remote learning with their middle school students. This will include novel studies and units customized for independent learning. Various activities and scaffolding will be provided throughout to support comprehension.
EL Education	ELA, K-5	Open source materials for knowledge-building and foundational literacy skills. Both teacher and student materials include digital and print options. Materials are available for any district to use but require a free account to access.
Eureka	Math, K-Precalculus	Flexible digital curriculum that can also be printed and used as "at-home learning" for daily lessons. This free resource is available through the extended school closure.
Fishtank	ELA, math, science, social studies, K-12	These ELA, math, science, and social studies resources provide educators with a fully-functioning online curriculum. Materials are available for any district to use but require a free account to access. Trade books must be purchased separately.
Guidebooks	ELA, 3-12	Open source materials focused on knowledge-building. Trade books must be purchased separately.
iCEV Remote Learning	CCTE	Multiple CCTE curricula in a digital platform. Curricula includes fully functioning digital platforms for teachers to design online learning courses from tradition CTE courses.
McGraw Hill	All	During extended school closures due to COVID-19 (Coronavirus), supporting for teachers, students, and parents to access, use, and order solutions from home are noted on the company's website for the following: Remote Learning for Schools, At-Home Learning for All, Digital Components by Program, and Online Ordering Guide & FAQs.
National Geographic Learning/Cengage Learning	CTE, AP, and advanced electives	Offer to provide schools/districts with free access to all digital tools and courseware to support remote learning.
OpenSciEd	Science, 6-8	Only select units are available at this time. Additional units are under development. Units can be downloaded as printable PDFs and are also available in print from the company's print vendor.

[Pearson](#)	Various	Access to expert faculty, best practices, and other online resources for people who are studying, teaching, or working remotely. K-12 resources for teachers, students, and families.
[Scholastic Learn at Home](#)	All	Twenty-day, open source materials for knowledge-building and foundational literacy skills. Both teacher and student materials include digital and print options. Materials are available through April 20th. Username: Learning20 Password: Clifford BookFlix (PreK-3): https://digital.scholastic.com/site/launch/bkflix?ucn=642726498 (links lead to login—see below for credentials) TrueFlix (Grades 3+): https://digital.scholastic.com/site/launch/tfx?ucn=642726498 ScienceFlix (Grades 5+): https://digital.scholastic.com/site/launch/sfx?ucn=642726498 Watch & Learn Library (PreK-3): https://digital.scholastic.com/site/launch/watchandlearn?ucn=642726498
[Shmoop](#)	All	Shmoop is offering free statewide support to all districts in Tennessee for Middle and High School teachers and students. Shmoop offers online learning solutions in the form of creatively curated content: · Test prep for SAT, ACT, AP exams, State EOCs, GED, ASVAB, and more · SEL & PBIS courses and curriculum · Library of 10,000 videos, +1,000 teaching & learning guides · +1,200 lesson modules and assessments To get started, contact Chiko Chingaya at chiko@shmoop.com, mobile: (469) 774-9211, or visit https://www.shmoop.com/get-a-quote to have someone contact you. Shmoop can implement your school district within 3 days.
[SREB](#)	All	COVID-19 Resources FOR EDUCATORS, DISTRICTS AND STATES SREB is dedicated to helping educators and policy leaders as they work through the challenges unfolding from the COVID-19 outbreak. During this time of uncertainty, we are convening leaders to help them share ideas, information and resources to continue to deliver teaching and learning, from elementary through graduate school.
[TN Digital](#)	All	An online repository of all of the State of Tennessee's open access learning materials. TN Digital is working with all approved TN publishers to supply teachers, students, parents, and administrators with easy access to learning materials, which includes everything from lesson plans to worksheets, and from educational videos to assessments. TN Digital is owned and operated by Tennessee Book Company through their digital arm, Thrivist. Full access is available via the link posted in the resource column. Once on the website, it is also possible to search for lessons, publishers, and videos. More information about this resource can be found at: https://www.tndigital.org/faq.

| Zearn | Math, K-5 | This fully digital curriculum with internal progress monitoring for teachers is available at no cost during current school closures. Access requires a district, school, or individual account. Printable homework aligned to each module is available with teacher accounts. Zearn is also offering distance learning training for districts and teachers. See more here. |

Learning and Engagement Opportunities

Source	Content Area (s)	Description
ACT	College and Workforce Readiness; Math, ELA, Science, Social Studies	ACT is offering digital learning and workforce resources to assist students, teachers, schools and workers impacted by COVID-19. The free ACT resources outlined below are part of ACT's commitment to serving community needs during this challenging time. The resources are adaptable for use in the home, through online learning, and in workforce settings.
BenchFly	Remote Learning Support Platform	The BenchFly model can be immediately reconfigured to offer remote instruction capabilities to TN teachers and remote learning capabilities for TN students. The BenchFly team is available to provide a briefing or demo to interested stakeholders immediately upon request and stands ready to do so.
Canvas	Learning Management System	Resources for districts/schools to support online/remote learning practices.
Carnegie Learning	Math; 6-12	Providing a number of grade 6-12 math resources to support at-home learning including: LONG+LIVE+MATH At Home; MATHia Software; Virtual Professional Learning Support
CollegeBoard.Org--Advanced Placement	9-12, Math, ELA, Science, Social Studies, World Languages	To support students in continuing their AP journey, CollegeBoard is offering optional free, online AP classes and take-at-home AP Exams. For more information about this year's exam administration, including details about exam dates, times, and tasks, view a recorded presentation given by Trevor Packer, head of the AP Program.
Creative Learning Systems	STEM	Free access to SmartLab Learning Curriculum. This digital resource provides personalized, individualize project-based learning with access to 600+ pieces of STEM-Focused Curriculum. With 600+ pieces of student-facing curriculum written by professional educators, students direct their own learning to solve problems or questions of their own choosing. With SmartLab Learning, students follow a five-step process: Explore, Plan, Do, Reflect, and Share. This framework teaches students to become problem solvers, creative thinkers, and collaborators. This deeply personalized form of learning allows every student—regardless of skill, ability, or interest—to be self-challenged.
Discovery Education	Science, math, social studies	This online collection of resources is free to affected schools and districts through the end of the school year.

EVERFI	Financial literacy, social and emotional learning, health and wellness	This digital resource provides standalone, digital lessons on various topics.
HippoCampus	All	This free resource provides thousands of standards-aligned videos to reinforce students' learning of past instructional concepts.
Houghton Mifflin Harcourt	2-8 ELA; Math	Supplemental ELA and Math program – Waggle – is available for free through July 1. Waggle allows students to engage in adaptive foundational skills practice outside of the classroom—any place with internet access can become a space of learning.
Illustrative Mathematics	Math, K-12	This digitally-based resource provides teachers with student tasks and other content (note that IM has also developed a comprehensive curriculum, which is available through Open Up Resources). The full curriculum resource may not be fully aligned to TN standards; and is therefore, purposefully not listed in that section.
i-Ready At-Home	Reading and math, K-8	This library of K-8 p*rintable* at-home activity packs is designed to reinforce key concepts and provide students with valuable self-directed exercises and practice during extended absences from school. The at-home activity packs are of high quality and aligned to academic standards.
Khan Academy	Math, science, engineering, art, world history	This website provides extensive, video-based tutorials to reinforce concept-based learning (though student tasks and instructional delivery are limited).
Lexia – A Rosetta Stone Company	Literacy; PreK-12	Lexia understands how disruptive an extended school closure can be and we are committed to helping you ensure the continuity of student learning. Both Lexia® Core5® Reading and Lexia® PowerUp Literacy® can be used from home as part of a remote learning implementation during extended school closures or other special circumstances. Please contact Julie Williams (Jwilliams@lexialearning.com) to learn more about: -Utilizing Core5 or PowerUp in a remote learning environment -Working online and/offline using Lexia's instructional resources -Supporting students and parents during the remote learning period
McGraw-Hill	All	Various digital resources and guidance across grade levels and content areas are offered to support teachers to implement remote teaching and learning strategies.
Onshape -- A PTC Business	CTE, STEM,	To support effective STEM learning now in this period of disruption, PTC would like to make their Onshape professional 3D Computer Aided Design (3D CAD) software technology freely available to schools and teachers throughout Tennessee. This design and collaboration technology uniquely fits this crisis moment because it uses a software-as-a-service (SaaS) model and runs on any Mac, PC, Chromebook, phone or tablet that the students and teachers may have accessible in their homes. Students and teachers can readily collaborate online. There is no software to install

		or infrastructure to set up. Free technical support and guidance is available to schools and instructors as necessary. A "Getting Started resource guide" for educators and/or parents is also available to help them facilitate their children's continued STEM engagement at home.
Pearson K-12	All	Pearson K12 customers can fully utilize Pearson Realize™, our powerful one-stop digital platform, that provides teachers the tools for remote instruction by enabling them to have access to their Pearson K-12 content, as well as assign and track student work, organize lesson plans, and monitor student progress. Realize™ offers flexible classroom management tools that allow educators to access thousands of learning resources; customize, rearrange and upload their content; create a playlist; add links to online media; and edit assessments.
PHET	Science, math	This website provides engaging science activities using simulations. The activities are designed for students and families to engage in collaboratively.
Proximity Learning	ELA, math, science, social studies; 6-12	Proximity Learning, part of the ESS family of companies, specializes in virtual education. Through this program, Tennessee teachers and students can gain access to a variety of pre-established online courses, with the ability for teachers to lead classes remotely and tailor instruction to fit their students' particular needs. Supports for school districts and parents are also available.
ReadingBear.org	Early Literacy Skills/Phonics	A project of WatchKnowLearn.org, Reading Bear, is a free online program that uses innovative, rich media to teach beginning readers vocabulary and concepts while systematically introducing all the main phonetic patterns of written English.
Ready! for Kindergarten	Reading; PreK/K	The READY! for Kindergarten® school readiness program empowers parents and caregivers to succeed in their role as children's first and most influential teachers. READY! for Kindergarten® provides parents and caregivers with tools and activities to optimize children's natural curiosity and nurture learning and development.
ST Math	Math; K-8	MIND Research Institute is offering no-cost access to ST Math for families, schools, and districts. The offer is available for grades K through 8. Offering support webinars to district/school leaders for district/school implementation as well as to parents for at-home use.

[TCS -- goIT](#)	STEM; 6-12	As Tata Consultancy Services (TCS) signature community engagement program in North America for the last 10 years, goIT helps students design human-centered solutions that harness technologies for innovation. This digital innovation program blends design thinking and industry expertise to provide students with the 21st century skills necessary to create technology for social good. TCS has developed an editable project template that integrates the core elements of the goIT program and that can be shared directly with students as an at-home virtual inquiry-based learning project. Students, teachers, and parents can request to receive feedback from TCS industry experts as they move through the content. For teachers holding virtual classrooms, TCS industry experts are available to video conference into the classroom. Please contact Christine Mackin (christine.mackin@tcs.com) and John DiChiara (john.dichiara@tcs.com) for more information and to join the weekly training webinar that is being offered.
[TCS -- Ignite My Future in Schools](#)	All; computational thinking across all core subjects	This digital resource is a free, online platform filled with real-world and relevant teacher lesson plans and other resources to integrate computational thinking across all core subjects. Created in partnership with Discovery Education, this robust set of resources are aligned to Common Core, CSTA, NGSS, etc. standards for Grades 6-8. Teachers across every K-12 subject area can easily ladder up or down content with relevant tasks for students. Teacher lesson plans are searchable and can be filtered by subject area and/or computational thinking skill. We will offer virtual training for teachers each Thursday in April from 7-8pm EST.
[Teacher Created Materials (TCM) At-Home Learning](#)	All	FREE teacher-approved resources for at-home learning are available! These materials are designed to help students solidify the concepts they learn in school, and equip them for learning at home.
[TeachKind](#)	Reading, writing, science; K-12	TeachKind—PETA's humane education division—is staffed by former teachers who are here to help as teachers make the transition to distance learning for their students. Free lessons, classroom presentations, materials, advice, online resources, with more focused on promoting compassion for animals are available. Included are K-12 virtual learning resources for parents.
[The Rock & Roll Hall of Fame -- Fack Hall EDU](#)	Various Subjects; K-12+	Create a FREE account and access professionally developed lesson plans, activities, presentations, videos, playlists and digitized primary source materials from the Rock Hall's Library & Archives. Rock Hall resources meet national learning standards in a variety of subject areas, including music, social studies, English and more. New content is posted regularly and the database is searchable by subject, grade (Kindergarten through College), decade (1950s through today), or media type. Please see the press release below for more information and don't hesitate to reach out if you have any questions.
[WatchKnowLearn.org](#)	All	Approximately 50,000 free K-12 indexed educational videos are included and are placed into a directory of over 5,000 categories. The videos are available without any registration or fees to teachers in the classroom, as well as parents and students at home 24/7. Users can dive into our

| | | innovative directory or search for videos by subject and age level. Video titles, descriptions, age level information, and ratings are all edited for usefulness. Our Web site invites broad participation in a new kind of wiki system, guided by teachers. WatchKnowLearn.org does not itself host videos—we serve as a library for links to excellent educational videos that have been selected by educators. |

Practice and Reinforcement Activities

Resource	Content	Description
Dreambox	Math	Free 90-day trial temporarily available for families that provides online and iPad-based adaptive mathematics games. Games reinforce conceptual development of math standards. This program is online as opposed to print focused.
Edmentum	Math, science, ELA	Printable games and worksheets with practice activities that can be used with a packet-based or e-learning approach and aligned to past classroom instruction.
Free Math	Math	Allows teachers to build online classrooms, assign activities, and grade assignments through a digital platform.
IXL	Math, ELA, science, social studies	This resource provides access to activities and quizzes. The site offers 30-day free trials for educators.
Quizlet	Various	This digital resource can be used as a study aid with online flashcards, quizzes, and more.

Printable Resources

Resource	Content	Description
ABCMouse	Reading, math, science, art	Online and printable resources focused on early learning (ages 2-8) are available. Sign-in is required, but materials are free for the first 30 days.
Curriculum Associates	Reading, math	Printable activity packs address reading and math in grades K-8. The site also offers accompanying teacher guides that are also printable for math.
Edmentum	Various	This resource provides printable, grade-specific bundles of worksheets designed to be sent home with students.
Education.com	Various	Free, printable worksheets organized by grade level and subject are available. Pages are easily downloaded once a free account has been made.
K-5 Learning	ELA, math	This site offers an array of printable worksheets for grades K-5.
Make Way for Books	Literacy; Birth to 5	The Make Way for Books App ensures families with young children (ages birth to 5) have access to free, effective, and bilingual early literacy engagement that they can access anytime, anywhere.
New Path Learning	ELA, math, science, social studies, ESL, Spanish	With this resource, be sure to select Tennessee state standards within the link. Some worksheets and study guides are available for free, though others are accessible only with a paid membership.

Additional Fine Arts Engagement Activities

Resource	Description
12 Museums with Online Virtual Tours	This article links to museums around the world offering virtual tours and online exhibits (best accessed digitally).
Art of Education	This suite of digital, teacher-facing resources includes a repository of online activities and more.
Davis Art	Through June 30, teachers have open access to a library of 25,000 fine art images as well as full use of student books and teacher editions. Most resources are best viewed online.
Metropolitan Museum of Art "MetKids"	The Met provides interactive maps, videos, and more digital content designed especially for kids ages 7-12.

[Music IQ -- Interactive Drumming Programs](#)	Musical IQ is now offering our weekly music residency classes online. We have both one-time and weekly offerings. Throughout this program, we will be exploring music from around the world, incorporating geography, history, culture and life skills. Using our Musical Map Of The World, the participants will be taken on a journey, beginning in Africa and continuing through the Caribbean, Central and South America, and finally to New Orleans and our own homes in the USA. Each week, the facilitator will be introducing an indigenous instrument from the country visited, and the participants will get to learn one of the culture's unique rhythms.
[Quaver Music](#)	This site is offering free access to general music activities, most best accessed digitally, for all schools and students impacted by Covid-19.
[Sight-Reading Factory](#)	Exercises, designed to be viewed on electronic devices, support sight reading practice for musicians.
[SmartMusic](#)	This site offers free access through June 30 to a suite of web-based music education tools.

Resource	Content Area	Description
www.tndigital.org	All	An online repository of all of the State of Tennessee's open access learning materials. TN Digital is working with all approved TN publishers to supply teachers, students, parents, and administrators with easy access to learning materials, which includes everything from lesson plans to worksheets, and from educational videos to assessments.TN Digital is owned and operated by Tennessee Book Company through their digital arm, Thrivist. Everyone has access via the link posted in the resource column and can search for lessons, publishers, and videos. More information about this resource can be found at: https://www.tndigital.org/faq.
[EL Education](#)	ELA, K-5	An approved 2019 ELA curriculum with open source materials for knowledge-building and foundational literacy skills. Both teacher and student materials include digital and print options; materials are available for any district to use but require a free account to access.
[Guidebooks](#)	ELA, 3-12	An approved 2019 ELA curriculum with open source materials focused on knowledge-building. Trade books must be purchased separately.

Scholastic Learn at Home	All	An approved curriculum provider has created twenty-day open source materials for knowledge-building and foundational literacy skills. Both teacher and student materials include digital and print options; materials are available through April 20th. Username: Learning20 Password: Clifford	
		BookFlix (PreK-3)	https://digital.scholastic.com/site/launch/bkflix?ucn=6 to login—see below for credentials)
		TrueFlix (Grades 3+)	https://digital.scholastic.com/site/launch/tfx?ucn=642
		ScienceFlix (Grades 5+)	https://digital.scholastic.com/site/launch/sfx?ucn=642
		Watch & Learn Library (PreK-3)	https://digital.scholastic.com/site/launch/watchandlea
Fishtank	ELA, math, science, social studies, K-12	These ELA, math, science, and social studies resources provide educators with a fully-functioning online curriculum. Materials are available for any district to use but require a free account to access. Trade books must be purchased separately.	
Zearn	Math, K-5	This fully digital curriculum with internal progress monitoring for teachers is available at no cost during current school closures. Access requires a district, school, or individual account. Printable homework aligned to each module is available with teacher accounts. Zearn is also offering distance learning training for districts and teachers. See more here.	
OpenSciEd	Science, 6-8	Only select units are available at this time; additional units are under development. Units can be downloaded as printable PDFs and are also available in print from the company's print vendor.	
Core Knowledge Language Arts	K-8	**Supplemental ELA Resource: Amplify Reading K-5** Amplify is offering a free, digital, adaptive resource to help all students continue their literacy development in any remote learning environment for the remainder of this school year. Amplify Reading K-5 provides your students with a comprehensive, adaptive literacy solution through skill practice in phonological awareness, phonics, comprehension, vocabulary, and close reading. Amplify Reading is a student-driven program, so students can use it independently on a variety of devices. Register here: https://amplify.com/remotelearning/reading/ **Amplify 6-8 Core Curriculum: Amplify ELA** Recently, Amplify released free, downloadable versions of all of our print resources for current Amplify ELA users. You can access these resources at amplify.com/remotelearning Amplify has also began releasing material to all Tennessee teachers, including non-Amplify users, to help them navigate remote learning with their middle	

		school students. In addition, they will soon release their first set of novel studies, followed by one of their favorite units customized for independent learning. Pre-recorded lessons on Edgar Allen Poe's Tell Tale Heart, along with additional novel studies will follow. Various activities and scaffolding will be provided throughout to support comprehension. .
iCEV Remote Learning	CCTE	This approved curriculum vendor has multiple CCTE curricula in a digital platform. Curricula includes fully functioning digital platforms for teachers to design online learning courses from tradition CTE courses.
Bookworms	ELA, K-5	This curriculum was reviewed for Tennessee's 2019 adoption, but not selected. Since that time, the publisher has revamped options, and districts may find some valuable resources for planning home-based learning experiences for literacy.
Eureka	K-Precalculus	Great Minds has created a flexible digital curriculum that can also be printed and used as "at-home learning" for daily lessons. This free resource is available through the extended school closure.

Learning and Engagement Opportunities

Source	Content Area (s)	Description
Discovery Education	Science, math, social studies	Discovery Education Experience, an online collection of resources, is free to affected schools and districts through the end of the school year.
EVERFI	Financial literacy, social and emotional learning, health and wellness	This digital resource provides standalone, digital lessons on various topics.
HippoCampus	All	This free resource provides thousands of standards-aligned videos to reinforce students' learning of past instructional concepts.
Illustrative Mathematics	Math, K-12	This digitally-based resource provides teachers with student tasks and other content (note that IM has also developed a comprehensive curriculum, which is available through Open Up Resources). The full curriculum resource may not be fully aligned to TN standards and is therefore purposefully not listed in that section.
i-Ready.com/AtHome	Reading and math, K-8	This library of K-8 p*rintable* at-*home activity packs* is designed to reinforce key concepts and provide students with valuable self-directed exercises and practice during extended absences from school. The *at-home activity packs* are of high quality and aligned to academic standards.
Khan Academy	Math, science, engineering, art, world history	This website provides extensive, video-based tutorials to reinforce concept-based learning (though student tasks and instructional delivery are limited).

PHET	Science, math	This website provides engaging science activities using simulations. Thea activities are designed for students and families to engage in collaboratively.

Practice and Reinforcement Activities

Resource	Content	Description
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Edmentum	Math, science, ELA	This resource offers printable games and worksheets with practice activities that can be used with a packet-based or e-learning approach and aligned to previous classroom instruction.
Free Math	Math	This resource allows teachers to build online classrooms, assign activities, and grade assignments through a digital platform.
IXL	Math, ELA, science, social studies	This site offers activities and quizzes; a 30-day free trials is available for educators.
Quizlet	Various	This study aid provides support with online flashcards, quizzes, and more.

Printable resources

Resource	Content	Description
ABCMouse	Reading, math, science, art	Online and printable resources focused on early learning (ages 2-8) are available. Sign-in is required, but materials are free for the first 30 days.
Curriculum Associates	Reading, math	Printable activity packs address reading and math in grades K-8; the site also offers accompanying teacher guides, also printable, for math.

Edmentum	Various	This resource provides printable, grade-specific bundles of worksheets designed to be sent home with students.
Education.com	Fine arts, foreign language, math, ELA, science, social and emotional learning, social studies, typing	Free, printable worksheets are organized by grade level and subject. Pages are easily downloaded once a free account has been made.
K-5 Learning	ELA, math	This site offers an array of printable worksheets for grades K-5.
New Path Learning	ELA, math, science, social studies, ESL, Spanish	With this resource, be sure to select Tennessee state standards in the link. Some worksheets and study guides are available for free, though others are accessible only with a paid membership.

Fine Arts Engagement Activities

Resource	Description
12 Museums with Online Virtual Tours	This article links to museums around the world offering virtual tours and online exhibits (best accessed digitally).
Art of Education	This suite of digital, teacher-facing resources includes a repository of online activities and more.
Davis Art	Through June 30, teachers have open access to a library of 25,000 fine art images as well as full use of student books and teacher editions. Most resources are best viewed online.
Metropolitan Museum of Art "MetKids"	The Met provides interactive maps, videos, and more digital content designed especially for kids ages 7-12.
Quaver Music	This site is offering free access to general music activities, most best accessed digitally, for all schools and students impacted by Covid-19.
Sight-Reading Factory	Exercises, designed to be viewed on electronic devices, support sight reading practice for musicians.
SmartMusic	This site offers free access through June 30 to a suite of web-based music education tools.

Parent-Focused Resources

Resource	Content area(s)	Description
Massachusetts Department of Elementary and Secondary Education	ELA, math, science, social studies	These printable, family-facing guides highlight grade-level expectations in jargon-free terms and are available in English, Spanish, Brazilian Portuguese, and simplified Chinese.

[Mississippi Department of Education](#)	Various	These printable, family-facing guides on grade-level expectations for students include activities for helping children learn at home.
[Reading Rockets](#)	Reading	Reading Rockets is an extensive website; this subpage provides tips, tasks, and text recommendations, especially for families. Most resources are best accessed online.
[Storyline Online](#)	Reading	Videos show famous actors reading children's books aloud.

This list includes resources that vendors are currently offering districts to help navigate these unprecedented times. Please note that the department will update the list on a rolling basis, and any vendor that wishes to be added to the list is welcome to reach out Lisa Coons at lisa.coons@tn.gov. The department does not endorse or promote any specific vendors, nor do we vet the vendors on this list or their services. The department shares this list with districts for informational purposes only, and any decisions to purchase from a specific vendor will occur at the local, district level.