THREE PHASES TO RECOVERY RESOURCE HUB FOR UTAH'S

RESOURCE HUB FOR UTAH'S EDUCATORS AND FAMILIES

Utah State Board of Education 250 East 500 South P.O. Box 144200 Salt Lake City, UT 84114-4200 Sydnee Dickson, Ed.D., State Superintendent of Public Instruction

#### PURPOSE OF THE THREE PHASES TO RECOVERY RESOURCE HUB

As Utah's educators, families, and students continue to overcome disruption to their PreK-12 learning experiences, the Utah State Board of Education has curated high quality resources to support in accelerating student learning as we move through the phases of recovery. The five types of resources included in this guide and their associated images are below. The resources are organized by the 13 elements of <u>Utah's Portrait of a Graduate</u>.

TYPES OF RESOURCES:	TOOLKITS	INSTRUCTIONAL MATERIALS
ARTICLES	WEBSITES	OTHER
	WORLDWIDE	

#### Phase Two and Three Resources to Bridge Learning Gaps, Return, and Reimagine

As we wrap up the 2019-2020 school year, we will be transitioning into Phase 2: THE NEAR FUTURE and looking to bridge learning gaps across the summer. During this phase, we expect school districts and charters schools may begin assessing and addressing learning gaps to bridge the transition to recovery and moving into Phase 3: THE NEW FUTURE. Specifically, our schools and districts are likely to engage in activities related to:

- Determining how federal funds, including CARES Act funds, may be used to support summer learning
- Exploring and using formative processes to determine learning gaps
- Providing opportunities for small group and individual tutoring to accelerate student learning
- Developing and implementing digital opportunities for review and catch up
- Apply lessons learned from remote instruction to inform methods for personalizing instruction and validating learning that occurs outside the classroom

# **ACADEMIC MASTERY:** Demonstrate a depth of knowledge in multiple subject areas to make informed decisions.

#### **BRIDGING UNFINISHED LEARNING**

Report: Summer Learning Loss: What it is, and what can we do about it?

https://www.brookings.edu/research/summer-learning-loss-what-is-it-and-what-can-we-do-about-it/

As students return to school this fall, many of them perhaps especially those from historically disadvantaged student groups—will be starting the academic year with achievement levels lower than where they were at the beginning of summer break. This report reviews what is known about summer loss and offers suggestions for districts and states looking to combat the problem.

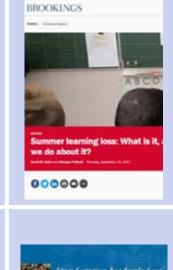
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#### White paper on Summer Reading Loss

https://metametricsinc.com/wp-content/uploads/2017/07/Stop\_Summer\_Academic\_Loss.pdf

Emphasis on higher academic standards, plus growing concern about the achievement gap and global economic competitiveness, place a new spotlight on the importance of educational policies and practices that promote student growth.





#### PLANNING FOR LEARNING



#### Student Experience Toolkit

https://tntp.org/student-experience-toolkit

The Student Experience Toolkit is a suite of resources designed to help policymakers, educators, students, and families take the first steps in acting on the recommendations outlined in our latest major research report. Browse resources designed to help educators, policymakers, and families improve students' daily experiences in school.



#### State-Vetted Software Vendors

https://drive.google.com/file/d/1yPvaXDwOECLP1GOI-WfrnBSoZ3y-h67nl/view?ts=5e78ed89\_

State-vetted software vendors list, these vendors have existing contracts in the State of Utah and are extending their number of licenses to Utah students.





#### Learning Acceleration Guide

#### https://tntp.org/student-experience-toolkit/view/ learning-acceleration-guide

This guide will help you figure out how to go about answering guiding questions and assembling the people, information, and processes needed to plan for restarting school.

#### Scheduling Considerations for Districts, Schools, and Families During the COVID-19 Shutdown



https://tntp.org/assets/documents/Scheduling\_Guidance\_for\_At-Home\_Learning-TNTP.pdf

This article includes scheduling options to consider—it can be useful to educators and families alike, as it contains practical weekly, and daily guidance for elementary and secondary students, families, schools, and districts.



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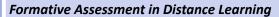
#### ASSESSMENT TOOLS



#### Diagnostic Tools

https://intensiveintervention.org/intensive-intervention/diagnostic-data/example-diagnostic-tools\_

Diagnostic tools provide data to assist educators in designing individualized instruction and intensifying intervention for students who do not respond to validated intervention programs.



https://www.edutopia.org/article/formative-assessment-distance-learning

Formative assessment at a distance is challenging but possible, and we still need to check for understanding and provide meaningful feedback. These practices will look and sound different than they do in the classroom.





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#### **DIVERSE STUDENTS**

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#### Supporting multilingual learners (MLLs)/English language learners (ELLs) during the COVID-19 Shutdown

https://tntp.org/assets/documents/ELL and ELD At-Home\_Learning\_Support-TNTP.pdf

As districts and schools take the difficult but necessary step of closing schools to slow the spread of COVID-19, supporting student learning at home is a top priority. When it comes to slowed academic progress, multilingual learners (MLLs)/English language learners (ELLs) are among the most vulnerable of our students during this critical time. (b) 1817 - Analysis and an Design ring multilingue termine (ML) (English begings termine (RL) Along the DOVD IN Design on Annual International Annual International Annual International International Annual International International Annual International Internatione International International International Internation

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#### Specialized Support for Students with Diverse Learning Needs Engaged in At-Home Learning

https://tntp.org/assets/documents/At-Home\_Support for\_Students\_with\_Diverse\_Learning\_Needs-TNTP.pdf

As more classrooms shift to virtual learning, vulnerable students—including English Language Learners, students with disabilities, and students with learning and thinking differences—will need specialized, differentiated support. This guide provides recommendations and resources to ensure online learning environments meet all students' needs.

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#### **REMOTE LEARNING**



#### Resources for Learning at Home When Schools Close

https://tntp.org/blog/post/resources-for-learning-athome-when-schools-close

Choosing among countless virtual learning resources can be overwhelming, but you can use a few basic principles to narrow your search.

#### TNTP Resources to Support Systems

https://tntp.org/assets/documents/Shifting\_to\_At-Home\_Learning-TNTP.pdf

A roadmap that can help school systems provide highquality learning at home during extended school closures. Shifting to At-Home Learning including guiding principles, planning phases, implementation phases, messaging, actions, communications, guiding questions, and resources.



#### CCSSO High-Quality Curriculum State Resources

https://drive.google.com/drive/folders/1sIRXgisnZD16zg8614iWg-ZA8OnLd7h5\_

A resource on high-quality, full course, curriculum that is offering resources for free.





#### MATHEMATICS



#### Assisting Students Struggling with Mathematics: Response to Intervention (RtI) for Elementary and Middle Schools

#### https://ies.ed.gov/ncee/wwc/Docs/PracticeGuide/ rti math pg\_042109.pdf

The goal of this practice guide is to formulate specific and coherent evidence-based recommendations for use by educators addressing the challenge of reducing the number of children who struggle with mathematics by using "response to intervention" (RtI) as a means of both identifying students who need more help and providing these students with high-quality interventions.

## Utah Multi-tiered System of Supports Framework for Mathematics

#### https://schools.utah.gov/curr/mathematics/umtss



A Multi-Tiered System of Support (MTSS) is a framework focused on three instructional tiers (Universal, Targeted, and Intensive) engineered to meet student needs using a systematic approach. The Utah Multi-Tiered System of Support (UMTSS) is designed to address student learning in mathematics encompassing these critical components: High-quality Instruction, Team-based Problem Solving, and Data-based Decision Making.



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#### HEALTH AND PHYSICAL EDUCATION

#### SHAPE America Virtual Resources for Health & PE

https://www.shapeamerica.org/covid19-resources. aspx#healthed



Great resources and examples of lessons and modules that can be adapted for distance learning. Activity ideas within the document are organized by the National Standards for K-12 Physical Education. There are also tips for how to create videos for instruction and websites to create quizzes and discussions.



#### SCIENCE



#### STEM Teaching Tools site

#### http://stemteachingtools.org/

The STEM Teaching Tools site has tools that can help teach science, technology, engineering, and math (STEM). It currently is focused on supporting the effective teaching of science and engineering by implementing research from A Framework for K-12 Science Education, which is the foundation for Utah's new science standards.

#### Science Learning Experiences



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#### https://www.uen.org/learnathome/subject/science. shtml

Short, quality distance student science learning experiences for teachers to utilize that are built around the new SEEd Standards. The resources could be utilized as part of instruction that teachers design. They can be completed digitally or downloaded and provided to students in print.

### Utah Science K-12 Open Educational Resource (OER) textbooks

#### https://www.uen.org/oer/

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Links or Utah K-12 Open Educational Resource (OER) textbooks. There is one textbook for each grade level (K-8) or content area (9-12). The Utah Science OER textbooks are not intended to be curriculum as they do not include labs, assessments, or a teacher guide with answers. They are intended as a reference material for students with content to support teachers' classroom instruction and help make sense of science concepts found in standards.



STEM



#### **DRIVER EDUCATION**



#### Virtual Training Tutorial for Driver Education

https://www.adtsea.org/driver-ed-news.phtml?id=987ECC40

The purpose of the webinar was to provide information and examples to State Administrators, State and Regional Associations, schools and educators for conducting driver education classroom training via virtual and distance learning platforms.



#### PRESCHOOL



#### Preschool Pioneer Utah's Online Library

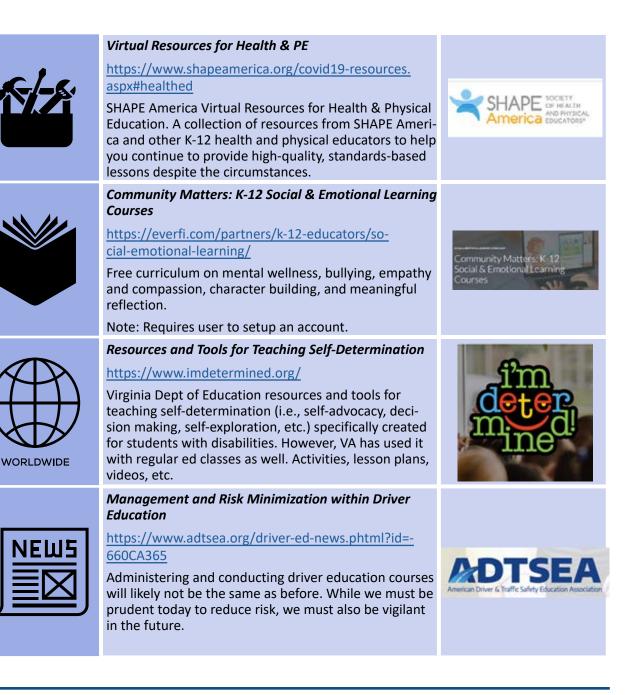
#### https://preschool.uen.org/

Quality early childhood resources for youngsters age 3-6, parents, and caregivers are essential for the success of individual children and their families.



WELLNESS: Develop self-awareness, self-advocacy skills, and the knowledge to maintain healthy lifestyles that provide balance in life and improve physical, mental, social, and emotional well-being.





#### CIVIC, FINANCIAL, & ECONOMIC LITERACY:

Understand various governmental and economic systems, and develop practical financial skills.



*Kidcitizen introduces a new way for young students (k-5) to engage with history through primary sources.* 

https://www.kidcitizen.net/about-kidcitizen

In KidCitizen's interactive episodes, children explore civics and government concepts by investigating primary source photographs from the Library of Congress. They also connect what they find with their daily lives.





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#### Curated collection of resources on voting and elections for elementary, middle, and high schools

https://www.civicsrenewalnetwork.org/featured/resources-for-teaching-about-voting-and-elections/

An alliance of 33 nonprofit, nonpartisan organizations that provide free online classroom resources for civics education. A founding group of organizations gathered in April 2013 during a Civics Summit convened at the Annenberg Public Policy Center of the University of Pennsylvania.

Videos, lesson plans, and interactive games in Economics.

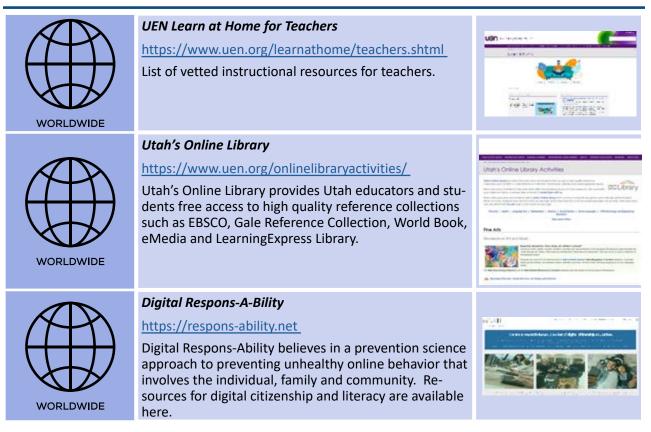
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https://utah.pbslearningmedia.org/subjects/social-studies/economics/#.XoJHxIhKg2x

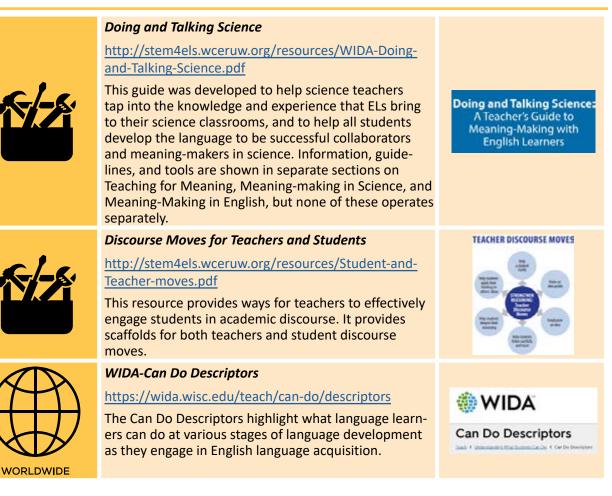
Investigate how the supply and demand for goods and resources are globally intertwined with videos, lesson plans, and interactive games in Economics. Preview a lesson on personal finance using a video on "Digging Out of Debt," practice running a start-up business with an interactive game, and more.



**DIGITAL LITERACY:** Adapt, create, consume, and connect in productive, responsible ways to utilize technology in social, academic, and professional settings.



# **COMMUNICATION:** Communicate effectively through reading, writing, speaking and listening to understand information in a variety of contexts, media, and languages.



**CRITICAL THINKING AND PROBLEM SOLVING:** Access, evaluate, and analyze information to make informed decisions, recognize bias, and find solutions.



# Instructional Strategies that Push Students to Own the Thinking

https://tntp.org/student-experience-toolkit/view/instructional-strategies-that-push-students-to-own-thethinking

Strategies for enduring students have frequent opportunities to be responsible for "doing the thinking" in order to build the knowledge and skills they need to deeply understand content.





#### **Building Lesson Plans for Critical Thinking**

http://readwritethink.org/search/?resource\_ type=6&learning\_objective=44

Read Write Think provides lesson plans focused on building critical thinking and problem-solving skills

# Discussion Strategies to Enhance Creative and Critical Thinking

http://www.ascd.org/ascd-express/vol15/num16/ discussion-strategies-to-enhance-creative-and-critical-thinking.aspx

Oral communication is useful for more than building critical thinking—it works just as well for creative thinking. Creativity involves developing an idea that is both novel and useful, and a successful creative concept goes through three phases.

8 Science-Based Strategies For Critical Thinking



https://www.teachthought.com/critical-thinking/8-science-based-strategies-for-critical-thinking/

Summarizes 8 strategies for critical thinking in education. These can be used educators at all grade levels to support strong discourse and thinking in school assignments and discussions (both online and face-to-face) could work in all content areas.

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**CREATIVITY & INNOVATION:** Imagine, visualize, and demonstrate creative practices, innovative solutions, and artistic expression.



#### The Power of Creative Constraints

https://ed.ted.com/lessons/the-power-of-creative-constraints-brandon-rodriguez

Imagine you were asked to invent something new. It could be whatever you want, made from anything you choose, in any shape or size. That kind of creative freedom sounds so liberating, doesn't it? Or ... does it? if you're like most people you'd probably be paralyzed by this task. Why? Brandon Rodriguez explains how creative constraints actually help drive discovery and innovation.



**COLLABORATION AND TEAMWORK:** Contribute ideas, perspectives, and experiences to cultivate a community of shared accountability and leadership.



HONESTY, INTEGRITY, & RESPONSIBILITY: Are trustworthy, ethical, reliable, and are accountable for the results they produce.



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#### Academic Integrity

http://crlt.umich.edu/gsis/P8\_4

Resources from the Center for Research on Learning and Teaching from the University of Michigan to address academic integrity in the classroom primarily relevant for secondary age students.

#### Teaching Honesty

https://www.edutopia.org/blog/8-pathways-creating-culture-integrity-marilyn-price-mitchell

Resources on 5 strategies for increasing student integrity--great for establishing a classroom culture at the beginning of the year.



# HARD WORK AND RESILIENCE: Set personal goals, apply best efforts to achieve them, and persevere when face with challenges and setbacks.

#### Carol Dweck: A Summary of Growth and Fixed Mindsets

#### https://fs.blog/2015/03/carol-dweck-mindset/

Carol Dweck studies human motivation. She spends her days diving into why people succeed (or don't) and what's within our control to foster success. This site summarizes her book which takes the reader on a journey into how our conscious and unconscious thoughts affect us and how something as simple as wording can have a powerful impact on our ability to improve.

#### PERTS: Student Mindset Kit

#### https://tntp.org/student-experience-toolkit/view/ perts-student-mindset-kit

This free set of online lessons and practices is designed to help you develop your students' confidence and ability to embrace learning challenges. Visit the Mindset Kit for free resources designed to support teachers in building students' growth mindset and sense of belonging.

#### Case Studies: How to Leverage Student Goals

https://tntp.org/student-experience-toolkit/view/ case-studies-how-to-leverage-student-goals

Learn more about how schools have incorporated student goals into their instructional models.

How to Get SMART about Goal Setting

https://www.ahealthiermichigan.org/2011/01/12/ how-to-get-smart-about-goal-setting/

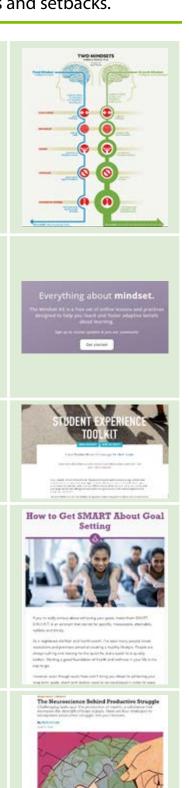
If you're really serious about achieving your goals, make them SMART. S.M.A.R.T. is an acronym that stands for specific, measurable, attainable, realistic, and timely.

#### The Neuroscience Behind Productive Struggle

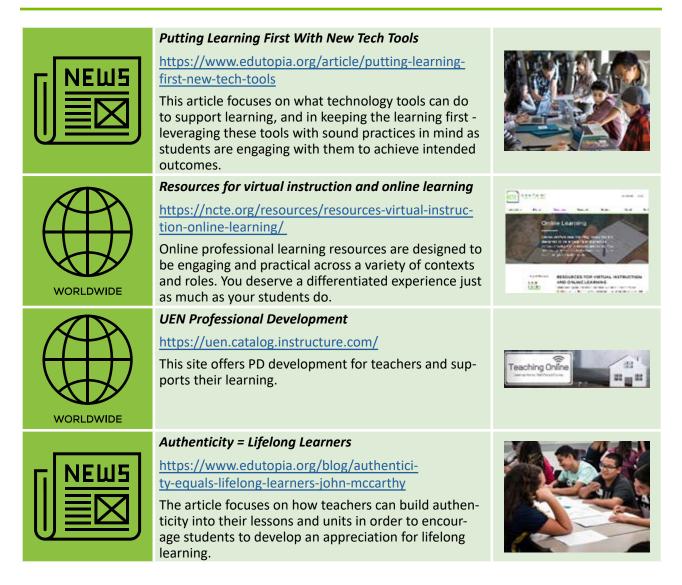


https://www.edutopia.org/article/neuroscience-behind-productive-struggle

Challenging tasks spur the production of myelin, a substance that increases the strength of brain signals. Here are four strategies to incorporate productive struggle into your lessons.



#### LIFELONG LEARNING AND PERSONAL GROWTH: Continue to seek knowledge and develop skills in all settings.



**SERVICE:** Seek opportunities to help when assistance is needed and act without expecting compensation or recognition.



#### President's Volunteer Service Award

https://www.presidentialserviceawards.gov/about

This award honors individuals whose service positively impacts communities in every corner of the nation and inspires those around them to take action, too.





# Learning to Give: Service Learning 101 Guide for Teachers

https://www.learningtogive.org/resources/servicelearning-101-guide-teachers

A collection of K-12 lessons centered around the service learning process of Investigate  $\rightarrow$  Plan  $\rightarrow$  Act  $\rightarrow$  Reflect  $\rightarrow$  Demonstrate.



**RESPECT:** Acknowledge differences by looking for the good in everyone, including oneself, and show due regard for feelings, rights, cultures, and traditions.



#### Teaching Tolerance

https://www.tolerance.org/

Teaching Tolerance provides free resources to educators to supplement the curriculum, to inform their practices, and to create civil and inclusive school communities where children are respected, valued and welcome participants.



#### PHASE TWO AND THREE RESOURCES FOR FAMILIES



## Report: Summer Learning Loss: What it is, and what can we do about it?

#### https://www.brookings.edu/research/summer-learning-loss-what-is-it-and-what-can-we-do-about-it/

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#### Preschool Pioneer Utah's Online Library

#### https://preschool.uen.org/

Quality early childhood resources for youngsters age 3–6, parents, and caregivers are essential for the success of individual children, their families, and ultimately the economic viability of our state.

#### Playworks Play at Home

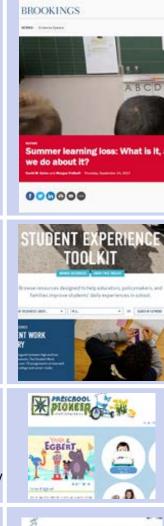
https://www.playworks.org/get-involved/play-athome/

Through play, kids learn to make friends, solve problems, and believe in themselves. Even in hard times. We help schools and youth programs create recess and play environments where every child can join in.

#### Find a Book

#### https://hub.lexile.com/find-a-book/search

A tool for building a personalized summer reading list for your child.





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# What Is COVID-19? And How Does It Relate to Child Development?

#### https://developingchild.harvard.edu/resources/whatis-covid-19

COVID-19 is an illness related to the lungs. It is caused by a virus that can spread quickly from person to person. It's important to learn how stress can affect us.

#### Helping Children Cope with Emergencies

#### https://www.cdc.gov/childrenindisasters/helping-children-cope.html

Children react, in part, on what they see from the adults around them. When parents and caregivers deal with a disaster calmly and confidently, they can provide the best support for their children.

#### Helping Children Cope

https://www.nasponline.org/resources-and-publications/resources-and-podcasts/school-climate-safetyand-crisis/health-crisis-resources/helping-childrencope-with-changes-resulting-from-covid-19

Families across the country are adapting to the evolving changes in daily life caused by the COVID-19 pandemic. it is very important to remember that children look to adults for guidance on how to react to stressful events.

#### Talking With Children: Tips for Caregivers, Parents, and Teachers During Infectious Disease Outbreaks

https://store.samhsa.gov/product/Talking-With-Children-Tips-for-Caregivers-Parents-and-Teachers-During-Infectious-Disease-Outbreaks/PEP20-01-01-006

This fact sheet provides parents, caregivers, and teachers with strategies for helping children manage their stress during an infectious disease outbreak.

#### COVID 19 Symptoms, Testing

#### https://espanol.cdc.gov/coronavirus/2019-ncov/faq. html

Spanish -Q&A COVID 19 Symptoms, Testing, Cases, Data & Surveillance, Coping Strategies. Also available in Chinese, Vietnamese & Korean

#### Cognition, Thinking & Understanding

#### https://pz.harvard.edu/at-home-with-pz

Project Zero provides activities to engage PreK-12 students in to nourish inquiry into the complexity of human potentials – intelligence, understanding, thinking, creativity, cross-disciplinary and cross-cultural thinking, etc.















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