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TEACHING & LEARNING

Teaching and Learning

Elementary

Third Grade At-Home Resources

Online or screen time resources Offline/no screen time resources

MATH RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)	
Link	**Description/Directions/Explanation**
Shepard Software www.Sheppardsoftware.com	This site has a variety of online games for students to practice key skills for each grade level. If the game will not load, click on the puzzle piece to load adobe flash.
Math Playground www.mathplayground.com	This site has a variety of online games for students to practice key skills for each grade level.
ABCYA https://www.abcya.com/games/category/math	A variety of online games for students to practice key skills. The games are listed by grade level.
Greg Tang Math https://gregtangmath.com/	Variety of games, interactives, and resources for students to build a strong foundation in numeracy in the elementary grades.
Fun Brain https://www.funbrain.com/	A variety of online games for students to practice key skills. The games are listed by grade level.

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MATH RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY)
US Department of Education "Help Your Child Learn Mathematics" has numerous activities with household items labeled by grade level. These activities focus on key numeracy skills that kids need to practice throughout their elementary math years.
Play a board game –Chess, Checkers, Blockus, Set, Yahtzee, Othello, Mastermind, Racko, Prime Club, Farkle, etc.
Determine if numbers are even or odd up to 100 by using objects to find pairs. Cut out numbers from a newspaper and sort them by even and odd.
Compose and decompose numbers up to 100,000 based on place value (e.g. 89,543 could be 80,000 + 9,000 + 500 + 40 + 3).
Go on a scavenger hunt for different 2D and 3D shapes, name them and list their attributes. (e.g. -The TV is a rectangle; it has four sides, four corners, and opposite sides are equal.)
Create your own multiplication or division story (up to 100).
Roll dice or flip over cards to create a two-digit number and a one-digit number and multiply them, explain strategies, and check answers using a calculator.
Recall multiplication facts up to 10 x 10, use the game from You Cubed "Close to 100" to support in this.
Find a collection of bills and coins and determine the value.
Create your own addition or subtraction story (up to 1,000). (e.g. Mary wants to save $1,000. She earned $387 walking neighborhood dogs and was given $280 on her birthday. How much money does she still need to collect to reach $1,000?)
Create pictures of equivalent fractions using the denominator is 2, 3, 4, 6, and 8. Use pictures of cakes, pies, pizzas etc. and partition them into equal shares of 2, 3, 4, 6, and 8.
Compare two numbers using <, >, = up to 100,000.
Hand2Mind At Home Learning Activities - https://www.hand2mindathome.com/ Provides printable lessons and activities to do with students. Lessons include a corresponding video for the skill or topic.

ELA RESOURCES (SCREEN TIME OR WITH TECHNOLOGY) 	
Link	**Description/Directions/Explanation**
Storyline Online www.Storylineonline.net	Listen to actors read their favorite stories aloud
Digital Resources for Fort Bend ISD Elementary Students www.fortbendisd.com/digitalresources	Websites with texts, videos, and information about all content areas
Unite for Literacy www.uniteforliteracy.com	Digital library of children's books
Abcya.com www.abcya.com	Educational games for students
Helping Your Child Learn Each Content https://www2.ed.gov/parents/academic/help/hyc.html	U.S. Department of Education provides booklets to give parents the skills to work with their students in each content area
Read Wonder Learn https://www.katemessner.com/read-wonder-and-learn-favorite-authors-illustrators-share-resources-for-learning-anywhere-spring-2020/	Kate Messner, author and former teacher, has created a collection of favorite authors and illustrators reading their books aloud
Fort Bend County Libraries https://www.fortbend.lib.tx.us/	The Fort Bend County Library system has a variety of on-line resources for families including digital book check-out and databases for research. They are also offering "curb-side pick-up" of requested library items during this time.
Make Beliefs Comix https://www.makebeliefscomix.com/	Children create online comics by adding characters, settings, and dialogue boxes.
Character Scrapbook http://teacher.scholastic.com/activities/scrapbook/	Website for PC, requires Flash After reading a text, students analyze character traits and map them out using an online interactive tool.
ChatterPix Kids app	Ipad App; iOS only Students upload an image and audio record themselves describing it, sharing facts about it, or impersonating it.
MyON	e-books for independent reading. Accessed through 1Link.

ELA RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY) 
Encourage children to read daily from books they want to read, even if they appear too easy or difficult. Keep reading fun rather than a chore.
Encourage children to write daily about topics of their choice.
Read a chapter book out-loud to your child of any age. You may want to share favorite books from your childhood.
Start a mini book club with your child. If you have one copy of a book, each read the chapter(s) on your own, then come together to talk about it.
Have children record themselves reading on a computer or phone.
Encourage children to research a topic in which they are interested. They may follow a simple research cycle of asking questions, finding resources, recording information, formulating new questions, putting the information together to share with an audience, and finally sharing their new learning with others. Students may choose to share their research in a variety of ways, such as digitally, making a poster, or writing a report.
Have children keep a daily log of the learning activities they are doing each day, perhaps rating themselves or reflecting on how well they did, and setting goals for the next day.

SCIENCE RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)	
Link	**Description/Directions/Explanation**
NASA Solar System bit.ly/SolarSystem3	Information, games, and activities about our solar system.
Mystery Science: How is syrup made? bit.ly/MysterySyrup	Watch the Mystery Science video: How is syrup made? Some useful products come from plants. Go on a tour of your house to find the products that began as plants.
Mystery Science: How can you keep a house from blowing away in a windstorm? bit.ly/WindyHouse	Watch the Mystery Science video: How can you keep a house from blowing away in a windstorm? Follow the directions to create a wind-proof house out of paper.
DK Find Out! A World Without Volcanoes bit.ly/NoVolcanoes	How are volcanoes helpful? Watch the video DK Find Out! A World Without Volcanoes. Describe some ways volcanoes help.
Crash Course Kids: Earth's Rotation and Revolution bit.ly/CCEarth	Watch the video and create a model or a diagram that shows how Earth moves. What limitations does your model or diagram have?

SCIENCE RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY)
Make a straw rocket using paper. Measure how far your rocket travels when you try it out. How can you make the rocket travel farther? Test new designs. Directions to make a straw rocket are found here: https://www.jpl.nasa.gov/edu/learn/project/make-a-straw-rocket/
Create an index card bridge that connects two stacks of books. Test different designs of bridges to see which will hold the most pennies. Record the data in a table.
Go on a matter hunt in your house. Find and record examples of solids, liquids, and gases. What properties helped you know the physical state matter?
Find and record examples of different forms of energy (light, thermal, sound, mechanical) being used in your house. Which objects show more than one form of energy? For example, the TV screen lights up and the speakers on the TV make sounds.
Think of ways that objects in your home could be reused instead of throwing them in the trash. For example, a jar from spaghetti sauce can be washed out and used to hold coins.
Test how gravity affects different objects in your house. Find objects that are safe to drop. Drop different objects at the same time. Does one fall faster than the other? Record your observations.

SOCIAL STUDIES RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)	
Link	**Description/Directions/Explanation**
iCivics Responsibility Launcher Game https://www.icivics.org/games/responsib	This game relates to the responsibilities of citizenship. Students will discover a variety of duties and responsibilities. Students can play a few times and track their results for progress.
Ben's Guide to Government https://bensguide.gpo.gov/	This website provides an overview of government for children 4-8 years old. The website divides government into 7 different parts. Students can read each part and record important facts they learned. When they are done, students can create a poster of our government with pictures and descriptions about what they learned.
History of Fort Bend County https://www.sugarlandtx.gov/1695/History-of-Fort-Bend-County	This website includes a timeline of important events in Fort Bend County. Students can pick out about 5 of the events they think are the most important. Then, they can create their own timeline with pictures and descriptions. They can also write about how certain events shaped the community we live in today.
Google Earth Interactive Activities https://www.google.com/intl/en_us/earth/education/explore-earth/	Students learn about similarities and differences in the physical environment 3rd grade. Google Earth has several interactive websites that will help students gain a greater understanding of variations in the physical environment. Once you are at the website, scroll down to see the activities such as Read ABCs from space. After exploring the website students can write a summary of similarities and differences in the physical environment.
Maps101 www.maps101.com	Maps101 has several maps of our state, country, and world. Students can create their own questions to practice interpreting them. Maps101 also has several games to practice using a compass rose such as Uncle Sam's Farm.
Digital Resources for Fort Bend ISD Elementary Students www.fortbendisd.com/digitalresources	Websites with texts, videos, and information about all content areas

SOCIAL STUDIES RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY) 
Practice map skills by creating a map of a make-believe place or even a map of their house, school, or community. On their map, they should include map elements such as a compass rose, scale, legend, and a grid system. After they complete their map, they can create their own questions related to their map and then answer them.
Create a visual to show the three different types of communities – urban, suburban, and rural. This visual should include pictures and descriptions. Then, students can write about which type of community they would like to live in and why.
Start a mini book club with your child about a historical figure. If you have one copy of a book, each read the chapter(s) on your own, then come together to talk about it.
Encourage children to research a historical topic that they are interested in. They may follow a simple research cycle of asking questions, finding resources, recording information, formulating new questions, putting the information together to share with an audience, and finally sharing their new learning with others. Students may choose to share their research in a variety of ways, such as digitally, making a poster, or writing a report.

TECHNOLOGY APPLICATIONS RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)	
Link	**Description/Directions/Explanation**
Introduction to Online Puzzles and Debugging http://bit.ly/3dddROf	**Coding:** Students can learn to code while working through a series of puzzles.
Animate Your Name http://bit.ly/3dcZZ6J	**Coding:** Students can use an online coding tool, Scratch to build a project. This project lets students animate their name . Parents, you will have to create a free Scratch account if your child would like to save their work.
Attitude Overdrive http://bit.ly/2vDTlWg **Overdrive Wheel (Printable)** http://bit.ly/33BycZd **Digital Passport Games** http://bit.ly/3a1Vrhq	**Digital Citizenship:** Watch ""Attitude Overdrive". Create a "wheel" to show how you deal with "Griefers" when playing video games. Play Digital Passport games for more online safety tips.
Improve Your Video Editing Skills http://bit.ly/2WpwAA6 **WeVideo** http://bit.ly/2WpwAA6	**Digital Media:** Create your own newscast about what is happening in your neighborhood. Use these tutorials to help you improve your video skills. You can edit your film using WeVideo (In Schoology tools on the left in any course) or another video editing software.
PBL Works http://bit.ly/2UjozdB	**Project Based Learning:** Project Based Learning ideas that cover a variety of STEAM subjects. (Parents, you will need to register for a free account to access projects.)

TECHNOLOGY APPLICATIONS RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY)
Build your own robot or robots using a variety of resources. (ie: toilet paper rolls, cardboard boxes, etc.) Be as creative as possible!
Build a bridge that will support different amounts of weight.
Build a catapult launcher using popsicle sticks or plastic spoons. Have it launch items such as cotton balls or marshmallows. If possible, have students measure the distance the item was launched.

EXTENSION RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)		
Name of Site and Link	**Description/Directions/Explanation**	**Grade Level**
Todd Stanley Projects and Enrichments	Todd Stanley provides a series of fun and engaging resources for free! The projects and activities are for a wide variety of students and provide exciting learning opportunities designed to extend student thinking.	Grades 1 and up
Dingbat Puzzles	These picture puzzles are quick and fun. Try to guess the well know phrase shown in the drawing.	Grades 2 and Up
Wonderopolis	Wonderopolis provides over 2000 different "wonderings" that students can explore and discover through inquiry. Students can search by content or choose a topic of interest.	Grades 3-5
Fractions Talks	A sweet garden of visuals for Nat Banting to kick start discourse with Fraction-Geometry-Algebraic Thinking connections out the WAH-ZOO!	Grades 3-5 math
Play Monster	SET, Quiddler, and Karma DAILY online games to challenge the whole family. Tutorial videos on how to play are super easy to understand to get started quickly! Perfect for a morning warm-up of the brain!	Family Games

EXTENSION RESOURCES (NO SCREEN TIME OR NO TECHNOLOGY)	
Description	**Grade Level**
Solve My Puzzle – Create a physical puzzle using craft supplies or household items that requires a solution or solutions! Is it a pattern? It is a maze? Does it involve pictures? Is it a riddle? Are there clues? Don't forget to name your puzzle and create rules or directions if necessary. Can you stump your family members?	3-5
Post Office Time Machine– Create a post office in your home that serves as a time machine to the past. Write to historical figures that have been involved in events that you would change. Instead of telling them why you wouldn't make the decisions they made, create an informational letter that would convince them to act in a different manner. Justify your course of action then create and describe an alternate future based on the new events. Tell them how it would directly impact your life. Find a way to show these figures by sending packages through the Post Office Time Machine!	3-5
Germ Free Olympics – Using only items in your home, develop a set of competitions that are germ free. Analyze how a competition can take place without a transfer of germs. Devise a scoring system, names for your games, rules, and judges. How many germ-free competitions can you invent AND who will win the gold?	3-5