

# Offline Learning Opportunities

Math Ideas	Reading / Writing Ideas
<ul style="list-style-type: none"> <li>❑ Measure the area and perimeter of your home.</li> <li>❑ Find and photograph all the shapes in your home or neighborhood.</li> <li>❑ Make graphs of the animals in your yard or the pets in your neighborhood and use that data to create your own math problems.</li> <li>❑ If you have stairs, go up and down them, counting by 1s, 2s, 3s, 5s, and 10s.</li> <li>❑ Determine the volume of ten containers, then display them in order.</li> <li>❑ Create math problems with magnetic numbers on the back of a cookie sheet.</li> <li>❑ Use empty egg cartons and beans/rice/rocks etc. to practice the 4 basic math skills. Number the inside then add the beans/rocks, etc. shake it up then open and use where they landed to solve problems. Decide which operation and the number of beans first.</li> <li>❑ Draw a hopscotch and solve problems based on where the marker lands, then add or multiply and each block is touched.</li> <li>❑ Play 4-square and recite the multiplication tables while playing.</li> <li>❑ Find the internal and external measurements of your apartment or house (square footage/area/perimeter, etc.)</li> <li>❑ For kids with pets— they could measure the cups/servings of food, figure how many ounces /grams per serving, figure how many servings per bag of their food. Then it could help determine how much food to get for a week or month.</li> </ul>	<ul style="list-style-type: none"> <li>❑ Write a letter to your teacher, principal, pastor, senator, community leader, grandparent, a friend in another city, anybody! Then send the letter!</li> <li>❑ Write a poem on your driveway or sidewalk with sidewalk chalk.</li> <li>❑ Learn ten new words and use them when you have conversations.</li> <li>❑ Read, read, read, as much as you can or as much as you want. This may be a good time to binge-read a series!</li> <li>❑ Maybe read a book to a younger sibling, a grandparent, or even a pet!</li> <li>❑ Write and illustrate your own story, then share it when you get back to school!</li> <li>❑ Make a sticker, photo, or picture book and write about the images you put on each page.</li> <li>❑ Create words and sentences with magnetic letters and/or words. Maybe even try poetry!</li> <li>❑ Create a reading cave or nook and read!</li> <li>❑ Create a vision board using old magazines. Parents can create one too</li> <li>❑ Writing idea: Make puppets out of socks (great for using unmatched ones) and write a puppet show. Take a cardboard box and use it for your theater. Put on a show for family at home.</li> <li>❑ Read a story (fiction), draft your own comic strip using simple construction paper, lined paper, printer paper, crayons, markers, etc. Make frames (boxes) and begin your story using setting (characters, time, place), initiating problem; rising conflict, climax, falling action and resolution. Add the lesson learned or moral of the story (theme). See online sources to make a "Common Lit" account to access fictional text.</li> <li>❑ Write a letter to thank a community hero.</li> </ul>

Science Ideas	History / Social Studies Ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> Walk around your neighborhood and notice all the living things. How might they all be connected?</li> <li><input type="checkbox"/> Stay up late and look at the stars, visible planets, and notice constellations.</li> <li><input type="checkbox"/> Find, pick, and dissect a flower. What do you notice? What do you wonder?</li> <li><input type="checkbox"/> Create three different paper airplanes and test them. Use the best ideas to construct a better paper airplane.</li> <li><input type="checkbox"/> Find ten rocks and describe their attributes.</li> <li><input type="checkbox"/> Using paper, tape, and string, design, build, and test a device that warns you when someone opens the kitchen cabinet.</li> <li><input type="checkbox"/> Go bird watching. Notice their colors, beak shapes, sizes, etc. Try to observe and figure out how they fit into their ecosystem.</li> <li><input type="checkbox"/> Plant a seed inside or plant a bunch of them in a garden. Read about how to take care of the plant(s).</li> <li><input type="checkbox"/> Engineer a boat that can really float. How can you improve the design?</li> <li><input type="checkbox"/> Start a nature diary to document writings and pictures of what you see from day to day.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Draw a map of everywhere the people in your family are from or have visited.</li> <li><input type="checkbox"/> Research about the place you live or a place you'd like to visit.</li> <li><input type="checkbox"/> Play 20 questions with an adult about a historical time period or famous person from the past.</li> <li><input type="checkbox"/> Investigate the contributions of women in history through books you may have at home or safely checked out from a library.</li> <li><input type="checkbox"/> Create a timeline tracking the Coronavirus. Include the countries and dates first reported in that country</li> </ul>

Art Ideas	Music / Theater Ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Printable Comics / Activity Sheets</a></li> <li><input type="checkbox"/> Design and build puppets that perform a show. (The show could be about math, science, history, or anything else!)</li> <li><input type="checkbox"/> Create a brand-new Lego creation.</li> <li><input type="checkbox"/> Paint a picture or figurine.</li> <li><input type="checkbox"/> Make a diorama</li> <li><input type="checkbox"/> Create a maze and then let someone else try to solve it</li> <li><input type="checkbox"/> Look for inexpensive craft kits or make your own with a variety of wood, felt, paints, markers, glue, glitter, etc.</li> <li><input type="checkbox"/> Hold a photo session with a sibling, a pet, stuffed animals, food you make, anything! Practice styling the photos and being creative with framing your shots.</li> <li><input type="checkbox"/> Find an interesting photograph or something interesting to observe and sketch it.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Use household materials to make a drum, a stringed instrument, or a wind instrument.</li> <li><input type="checkbox"/> On whatever players you have, ask your friends and family about their favorite music, listen to it with them, and ask them to explain what about their favorite songs makes them their favorites.</li> <li><input type="checkbox"/> Write a play / musical with an original idea and original music.</li> <li><input type="checkbox"/> Write a song or rap about your favorite things, your favorite subject at school, your favorite food, your favorite anything!</li> </ul>

Health / PE / Movement Ideas	Social Emotional Learning Ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> Take a nature walk, around the block, around the neighborhood, on a nearby trail, on a beach, or in a nature preserve.</li> <li><input type="checkbox"/> Create and perform a new dance.</li> <li><input type="checkbox"/> Practice a new yoga pose.</li> <li><input type="checkbox"/> Make a new smoothie recipe with fruit and/or vegetables</li> <li><input type="checkbox"/> Create your own training regimen made up of different exercises.</li> <li><input type="checkbox"/> Choose a home chore like vacuuming, cleaning, yard work, etc.</li> <li><input type="checkbox"/> If you have glow sticks, have a glow stick dance in your living room or bedroom.</li> <li><input type="checkbox"/> See how many pushups or sit-ups you can do during commercials</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Be completely silent for 60 minutes and then write about your experience.</li> <li><input type="checkbox"/> Practice deep breathing outside without speaking and notice everything around you.</li> <li><input type="checkbox"/> Sit silently for 15 minutes while you write down every sound you hear. When you are done, classify the sounds (high/low pitch, high/low volume, manmade v. naturally occurring, etc.).</li> <li><input type="checkbox"/> Imagine, create, and fly a full-size flag that tells the world about you.</li> <li><input type="checkbox"/> Create a sensory experience in a pan or on a table, or even on a plate. Include anything like pasta, sand, marbles, water, shaving cream, anything to explore through touch!</li> <li><input type="checkbox"/> Make a glitter thoughts jar with water and glitter, watching how it swirls around and how it settles.</li> <li><input type="checkbox"/> Create your own quiet space with special pillows, a blanket, a favorite plush animal, perhaps with a favorite snack or in a special chair...</li> <li><input type="checkbox"/> Blow on a pinwheel and practice making the pinwheel go faster and slower.</li> <li><input type="checkbox"/> Go on a rainbow walk and find something in nature of many different colors.</li> <li><input type="checkbox"/> Do something kind for someone else.</li> <li><input type="checkbox"/> Make a gratitude list of all the things you are grateful for.</li> </ul>

Cultural Exploration Ideas	Calming / Stress Relief Ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> Interview a family member.</li> <li><input type="checkbox"/> Construct a family tree.</li> <li><input type="checkbox"/> Create a Venn diagram that compares and contrasts two people from your neighborhood, church, mosque, or temple.</li> <li><input type="checkbox"/> Cook/Bake a family member's favorite dish and talk to them about why it's their favorite.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Fill a balloon with shaving cream, sand, or beads and make your own calming squeeze device.</li> <li><input type="checkbox"/> Meditate in a quiet place or under a tree.</li> <li><input type="checkbox"/> Use a paper towel tube, tape one end shut, pour in uncooked rice, and tape the other end to make a rain stick. Decorate with symbols, stickers or other media. Move the rice from end to end to calm yourself or others or to make music.</li> <li><input type="checkbox"/> Make a list of all the things that make you happy. Think of these things when you meditate.</li> <li><input type="checkbox"/> Create a Calm Down Box. Directions <a href="#">HERE</a>. (Directions are downloadable but making the box is an offline activity.)</li> </ul>

Just For Fun Ideas	Entrepreneurial Ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> Create a museum of your drawings.</li> <li><input type="checkbox"/> Learn, practice, and tell three new jokes.</li> <li><input type="checkbox"/> Learn, practice, and perform a new magic trick.</li> <li><input type="checkbox"/> Play all of your board games, card games, any games! Make up new games!</li> <li><input type="checkbox"/> Create a scavenger hunt</li> <li><input type="checkbox"/> Make a fairy house at the base of a tree with all kinds of natural materials</li> <li><input type="checkbox"/> Go camping inside and build a tent or living room fort. Spend some time in it and write about why it's so much fun.</li> <li><input type="checkbox"/> Pop popcorn and watch a movie together.</li> <li><input type="checkbox"/> Create your own secret code using numbers, letters, icons, emojis, pictures, anything! Then try to find someone to crack your code!</li> <li><input type="checkbox"/> <a href="#">Lego Challenges</a></li> <li><input type="checkbox"/> Create outdoor games</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Create a board or video game idea. Write a letter to a game company and pitch your game idea.</li> <li><input type="checkbox"/> Learn to crochet, knit, or use rainbow loom and create hats, scarfs, or toys to sell at a craft fair or yard sale.</li> </ul>