Dear Students, Families, and Caregivers,

When in-person school is not possible, learning continues at home! The Alexandria City Public Schools team has created these activities to support your child's continued learning.

These activities give students opportunities to practice key academic skills, stay active, express creativity, explore real-world problem solving, and discover exciting career paths.

Learning Symbols

Look for these icons on your board to see what subject each activity covers:


Literacy


Math


Science


Social Studies


Art & Music


Health & Wellness


Career Awareness & Exploration

Complete **5 activities** each day learning happens at home:

1. **Pick Your Activities:** Choose 5 activities from the board. If you do not have the materials or want to try something else, feel free to pick a different box from any day on the Learning Board. If a box has extra icons, it counts toward both subjects!
2. **Track Your Progress:** Circle each activity on the board as you complete it.
3. **Share Your Learning:** Show or discuss your finished work with an adult or caregiver.
4. **Turn It In:** Bring your completed work back to your teacher when you return to the school building.

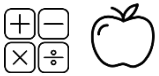
For extra activities, check the Family Learning Resources page included in this packet or visit the ACPS Family Learning Activities Page. https://www.acps.k12.va.us/families/learning-activities-list

ACPS Fifth Grade School Learning Board

Literacy	Math	Science	Social Studies	Encore
Read for 30 minutes and write a journal response. What challenges or themes are being revealed in the text?	Pick characters from a story you read and make a math word problem using large numbers and all 4 operations +, −, ×, and ÷. Solve it step by step using the Order of Operations.	Weather Safety Advisory! Be a Meteorologist. Imagine you are preparing a weather report for your community. Observe today's weather from a window. Record the temperature, wind, cloud cover, and precipitation. Write a one paragraph report about today's weather. Draw a picture to go with it.	Help around the house: clean your room, fold laundry do the dishes, or sweep/vacuum.	Take time to stretch. Then work on fitness by jogging in place, doing curl-ups and push-ups, or going on a walk outside (check with an adult).
Read an independent book for at least 30 minutes. Choose a passage from the text that you consider to be "outstanding" writing. Explain why you find this selection so powerful.	Find 5 things at home that can make an array. Draw the array and write what the item is. Then write 2 multiplication sentences the array shows and solve them.	Put a long object like a pencil or a spoon in a glass of water. Draw a picture of the object showing how the object looks bent and explain why it looks that way.	Perform two random acts of kindness.	Look outside and sketch what you see. Include a foreground, middle ground and background.

Game Designer Challenge! Imagine you are designing a new board game inspired by a book you have read. Create a game with characters, a setting, conflicts and a challenge. Write at least four rules and explain how players win. 	Write a short storybook that includes different multiplication problems. Draw pictures to go with each problem.	Create a 3D model or diagram showing the planets in order of their distances from the sun. Label your model with a fun fact about each planet.	Write a letter to a soldier to thank them for their service. Visit operationgratitude.com for more information about what to include.	Self-Portrait: Look in a mirror and draw a self-portrait. Include as much realistic detail as possible. 
Be a book advertiser! Recommend a great book to a friend – and ask someone what book they would recommend. Be sure to explain why!	Jump 4 times every minute. Make an input-output table and write a rule for it. Then figure out how many jumps you would do in 10, 22, and 45 minutes.	Plan and conduct an experiment. Start by asking a question you can figure out the answer to, such as “How quickly does snow melt inside?”and run an experiment to find out. 	Read a newspaper or magazine article about a current event. Tell a family member about the event and why it is important.	With help or permission from an adult, make a healthy snack to enjoy. Talk with them about what makes it a healthy choice. 
Write a letter to someone you haven’t seen in a while. Share what has been going on in your life and ask questions about theirs.	Look at a hundred chart and find the prime and composite numbers from 0 to 100.	Musical Instrument Inventor! Design a musical instrument using household materials that can make two different sounds, with one sound higher than the other sound. Explain how it works. 	Think of a person from history that you admire. Write a description for a holiday in their honor.	Do calf raises while you sing your favorite song. 

Make a cozy “reading spot.” Read a book to a stuffed animal and share what feelings you have while reading it.	Using the digits 0 to 9 at most one time each, place a digit in each box to create a true equation. □□ × □□ = □□□	Draw a model to show that all matter is made up of atoms. Write a sentence about a limitation that your model has. 	Delivery Planner! Imagine you deliver supplies to 3 locations in your neighborhood. Draw a map including a compass and key to explain symbols and colors. Mark delivery stops and use arrows to show the route you would take. Explain why you chose that route. 	With permission, make a healthy snack for you and a friend or family member. Record the recipe to share with your class. 
Practice reading aloud in your best storyteller voice. Record a video to share with friends or family!	Using the digits 0 to 9 at most one time each, place a digit in each box so that each expression is simplified to a different odd number. □ ÷ (□ – □) □ + □ x □ □ – □ ÷ □ x □	Create four simple food chains of three organisms. Each food chain should have one animal in common with another food chain. 🍀 → 🐇 → 🦊 Then use your four food chains to draw a food web.	Spend or save? Junior Financial Planner! Imagine you have $50. Create a budget showing what you would spend on needs, wants, and savings. Calculate the total for each category. Explain two financial choices you made and why. 	Crabwalk forward around your house 3 times. Then crabwalk around your house backward 3 times. 
Write a poem about your favorite color. Include objects, places, or feelings that remind you of that color.	During the day, write down the start and stop times for different activities. Then figure out how long you spent on each one.	Visit the World Book on Clever. Use the Interactive Map to find a city you have never visited before. Take notes on main ideas and important details about this place.	How many of the 50 states can you name? Bonus: how many state capitals can you name?	Create a dance routine to a song and perform it for someone at home. 

Select a character from a book who is demonstrating an emotion. How are they feeling? Give at least 2 details from the book that show they are feeling that way.	Using the digits 1 through 9 at most one time each, place a digit in each box to create two different whole number quotients: one that is greater than 300 and one that is less than 300. You may reuse all the digits for each quotient. ☐☐☐ ÷ ☐	Tell an adult about something you have coded your Microbit to do so far this year. Share an idea for something you would like to code your Microbit to do later this year. Technology for Good! Optional: If you can access Microbit.org. Imagine you are a software designer. Identify a problem at school or home that technology could help solve. Write a new code in the MakeCode Editor. 	Visit PebbleGo on Clever. Read about a state, region, or country that you would like to visit. Take notes on important details about this location	Let's get moving! Do jumping jacks for 1 minute. Multiply the number you did by 2 and write it down. Then do it again, multiplying by 3. Finally, add and subtract your two numbers. 

Visit PebbleGo on Clever. Read a biography to learn about someone new. Take notes on main ideas and important details about this person.	Triangle Hunt! Find different types of triangles—equilateral, isosceles, and scalene. Draw them or take pictures of what you find. 	Home Energy Investigator! Find different energy transformations that are occurring in your house today. Create a chart to show them. Draw a diagram showing how energy changes form in each example. Choose one and recommend a way to reduce unnecessary energy use. Example: When I switch on my fan, electrical energy is transformed into mechanical energy. 	Time Travel: If you could go back in history, what time period would you like to visit? What would you like to do? Who would you like to meet? Draw a picture, write a story, or tell a family member.	Play catch with a parent/guardian or sibling/friend with a balled-up pair of socks for 10 minutes. 

Plan for Severe Weather!

Career exploration: Emergency management specialists and meteorologists

Directions:

1. **Be an Emergency Preparedness Specialist!** Imagine you are an emergency preparedness specialist.
2. Make a household plan for a severe weather event. Include supplies, safe actions, and ways to communicate.
3. Always follow trusted adult and official safety instructions.

Choose your challenge

Level 1 | Explore:	**Level 2 | Explain:**	**Level 3 | Apply / Extend:**
List 5 useful emergency supplies and write why 2 of them are important.	Create a step-by-step household safety plan and assign realistic jobs to family members.	Compare 2 different weather scenarios (like a snowstorm vs. a thunderstorm), explain how your plans differ, and prove why certain actions come first.

Reflect and connect

How did you use evidence to make safe decisions for others?

Plan for Severe Weather!
Imagine you are an Emergency Preparedness Specialist or Meteorologist. Your job is to create a clear severe weather plan to keep your home and family safe!

Student Checklist

Use this checklist to make sure your weather plan is complete before turning it in:

- ☐ Weather Event Identified: I clearly stated which severe weather event I am planning for (e.g., snowstorm, thunderstorm, tornado, hurricane).
- ☐ Emergency Supplies: I listed essential supplies and explained why they are important.
- ☐ Safety Action Plan: I wrote clear, step-by-step instructions on what to do and where to go during the storm.
- ☐ Family Roles: I assigned specific safety jobs to family members or adults.
- ☐ Communication Strategy: I explained how my family will stay informed and contact each other.
- ☐ Evidence & Facts: I used weather facts to explain why my plan works.

Level 1 | Explore
Task: List **5 useful emergency supplies** and write **why 2 of them are important.**

Work Area:

1.

2.

3.

4.

5.

Why are 2 of these essential?

Supply 1:

Reason:

Supply 2:

Reason:

Level 2 | Explain
Task: Create a step-by-step safety plan for your home and assign realistic jobs to family members.

Work Area:

Safe Location in Home:

Step 1:

Step 2:

Step 3:

Family Jobs:

Person:

Job:

Person:

Job:

Level 3 | Apply / Extend
Task: Compare **2 different weather scenarios** (e.g., snowstorm vs. thunderstorm).
Explain how your plans differ and prove why certain safety actions must come first.

Work Area:

Scenario 1
- Situation

- Focus

Scenario 2
- Situation

- Focus

How the plans differ:
- Why certain actions come first (Evidence/Reasoning):

Example Scenarios for Inspiration

Scenario 1: Winter Blizzard Warning

- **Situation**: Heavy snow and freezing temperatures cause power outages across the city.
- **Focus**: Keeping warm without power, storing extra water and non-perishable foods, and staying indoors safely.

Scenario 2: Severe Summer Thunderstorm & Flash Flood

- **Situation**: Strong winds, heavy rain, and lightning threaten high winds and flooding near lower floors.
- **Focus**: Moving away from windows, heading to higher ground or an interior room, and keeping electronic devices charged.

Scenario 3: Tornado Watch / Warning

- **Situation**: High winds and rotating storm clouds approach your neighborhood quickly.
- **Focus**: Taking immediate shelter in a basement or windowless interior room, protecting heads, and bringing a weather radio.

Hundreds Chart

Name _____ Date _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100