

E-Learning Activities for Students

7th Grade - Day One

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Two-Step Equations	Journaling Through An Emergency Closure	Weather Observations	Voting in Illinois	Music
Objective:	Students will be able to write and solve two-step equations.	Students will use figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	To convey the importance of voting in the Primary Election	Students will create something to recruit younger students to join their music class when the time comes.
Materials:	Paper and Pencil	Paper Writing utensil	Paper Writing Utensil Weather information	Watch a TV news report Paper and pencil	Paper, pencil, magic markers, glue, glitter, construction paper, etc.
Activities and Instructions:	Students will create 10 problems (5 problems for special education student) in two-step equations form. Ex: $3x - 5 = 24$ Ex: $4 + \frac{2}{3}x = -54$ Ex: $8 = \frac{x}{3} + 6$	Day #1: In five sentences, describe how you feel about our nation's emergency situation.	Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.	Watch an evening TV news report on the primary for the presidential candidates in Illinois. Record on paper, the results of the primary election for president (the number of votes each candidate receives) and in a well constructed paragraph state your opinion about the winner.	Using any medium you like, create something that will convince a 4th grade student to join band, orchestra, or choir in 5th grade. Mediums include: make a poster, draw a picture, make a collage, make a video, write a short story, essay, or letter, create a small booklet/pamphlet, write a short skit or play. You may wish to include: why your group is the best one, why your instrument is the best one, why being in a music is so great/fun, why music is important to you, etc.
Independent Practice:	Students will answer all 10 (5 problems for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like today? How did you need to dress to go outside? Do you notice any patterns?	Construct a paragraph about the election results and predict who might win the nomination for President of the USA.	Brainstorm ideas for why a student should be in a music class. Come up with some "perks" that go along with being in a music class. Make a rough draft of your creation, edit as needed, then create the final product.
Check for Understanding:	Guardian creates two (one for special education students) two-step equation problems of their own and have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will provide evidence of their learning through a conversation with someone at home about the election.	Have a parent/guardian/ Family member read or look at your creation and offer feedback/ Suggestions or positive comments.

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____

E-Learning Activities for Students

7th Grade - Day Two

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Multi-Step Equations with Distributive Property	Journaling Through An Emergency Closure	Weather Observations	Civics - laws or rules in your family.	Illustrate a Famous Quote
Objective:	Students will be able to write and solve equations using the distributive property.	Students will use figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	To determine whether specific rules or laws resolve the problems they were meant to address.	The student will create a painted or drawn illustration of a famous quote.
Materials:	Paper and Pencil	Paper Writing utensil	Paper Writing Utensil Weather information	Paper and pencil Family	Paper, choice of pencils, pens, markers, paint...
Activities and Instructions:	Students will create 10 (5 problems for special education students) problems in multi-step equations form using distributive property. Ex: $4(x - 8) = 12$ Ex: $14 = 2(3x + 6)$ Ex: $-3(x - 1) = 15$ Ex: $\frac{3}{10}(x + 2) = 12$ Ex: $0.25(3 + x) = 0.5$ Ex: $0 = \frac{-5}{4}(x - \frac{6}{5})$	Day #2: In five sentences, answer: How is your family handling the toilet paper shortage? Do you have enough? Have you had to borrow from neighbors?	Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.	Think about a rule/law of your family that is used by all members of the family. Determine if that rule/law is used by all family members. On paper, construct an argument as to why the rule should or should not be followed and explain the impact it would have on the family. This will be shared with your teacher.	PART I The student will seek out a famous quote, which is meaningful to him/her. PART 2 _____ The student will illustrate the quote by way of an 8"x10" or larger drawing, or painting. The student can express his/her interpretation of the quote in any art style they choose. <i>The student will include the quote in the artwork.</i> Part 3 - to be continued on Day 4
Independent Practice:	Students will answer all 10 (5 problems for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like? How did you need to dress to go outside?	Today is national "Forgive Mom and Dad Day", so have a discussion with a family member about a rule someone in the family has broken.	
Check for Understanding:	Guardian creates two (one for special education students) multi-step equation problems with distributive property of their own. Have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will provide evidence of the family conversation per student writing.	The student will show the completed piece, or work in progress to a parent, and discuss why the quote is meaningful.

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____

E-Learning Activities for Students

7th Grade - Day Three

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Two-Step Equations with Fractions	Journaling Through An Emergency Closure	Weather Observations	Chickens - National Poultry Day	PE
Objective:	Students will be able to write and solve equations involving fractions	Students will use figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	Students will explain how humans and their environment affect one another.	Students will work to increase core strength and improve muscular endurance.
Materials:	Paper and Pencil	Paper Writing utensil	Paper Writing Utensil Weather information	Paper and pencil	None needed
Activities and Instructions:	<p>Students will create 10 (5 for special education students) two-step problems that involve fractions.</p> <p>Ex: $\frac{X}{3} + 7 = 12$</p> <p>Ex: $\frac{W}{8} - 5 = 6$</p> <p>Ex: $\frac{7x}{4} - 2 = 5$</p> <p>Ex: $\frac{3y}{2} + 8 = 23$</p>	<p>Day #3: Describe the routine you have for the day. When do you wake up? When do you go to bed? What time do you eat? What activities do you do throughout the day?</p>	<p>Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.</p>	<p>Speculate whether towns should amend their rules regarding chickens within city limits. <i>"Properties in the City of Freeport are excluded from the ordinance, which was passed Wednesday, Dec. 13, 2012, and takes effect immediately. The measure prohibits roosters and makes clear that chickens cannot be raised for commercial purposes. It places no restrictions on the number of chickens and imposes no permit requirement. Dec 13, 2012"</i></p>	<p>Repeat the circuit twice each day</p> <p>30 second plank</p> <p>20 body squats</p> <p>20 pushups (modified if needed)</p> <p>20 sit ups</p>
Independent Practice:	Students will answer all 10 (5 for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like today? How did you need to dress to go outside? Do you notice any patterns?	Compose a letter to the editor about supporting or repealing the rules regarding chickens within city limits. Students will share their letter with family	Students can increase the time of plank or number of reps per exercise. Students can also go for walks or complete other physical activities.
Check for Understanding:	Guardian creates two (one for special education students) multi-step equations with fractions and have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will provide evidence of their position per student writing.	Consider your level of effort on a scale of 1-10. 1- this was super easy. 10- this was very hard and I struggled to complete it. As you do this each day, see if your number rating changes.

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____

E-Learning Activities for Students

7th Grade - Day Four

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Multi-Step Equations with Variables on Both Sides	Journaling Through An Emergency Closure	Weather Observations	Aliens vs. Mr. Rogers "National Alien Day or Won't You Be My Neighbor Day"	Art - Illustrated Quotes Continued
Objective:	Students will be able to write and solve equations with variables on both sides.	Students will use figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	Students will create essential questions to help guide inquiry about a topic.	Students will continue working on their Illustrated Quote project.
Materials:	Paper and Pencil	Paper Writing utensil	Paper Writing Utensil Weather information	Paper and pencil	Paper, pencils, markers, crayons and other supplies available at home.
Activities and Instructions:	<p>Students will create 10 (5 for special education students) problems in multi-step equations form with variables on both sides.</p> <p>Ex: -3 - 17x = 5 - 6x</p> <p>Ex: 4x + 8 = 6x - 4</p> <p>Ex: 7x - 2 = 4x</p> <p>Ex: 3x + 5 = 2x + 7</p>	<p>Day #4: In five sentences, describe how you have been affected by this? Has your life changed in any positive or negative ways?</p>	<p>Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.</p>	<p>Create an essential question to guide your inquiry into whether or not "Area 51" truly exists. OR Create an essential question to guide your inquiry into the impact Mr. Rogers has had on society. Choose one of the topics to create an essential question that could guide a possible project for the WWII unit (Mr. Rogers served in the Marines during WWII) or the Cold War Unit.</p>	<p>The student will work to complete the quote illustration.</p> <p>PART 3</p> <p>the student will find more information about the author of the quote.</p> <p>On a separate sheet of paper, the student will list at least five learned facts, using complete sentences.</p>
Independent Practice:	Students will answer all 10 (5 for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like today? How did you need to dress to go outside? Do you notice any patterns?	Students will share their essential questions with family and their Social Studies teacher.	
Check for Understanding:	Guardian creates two (one for special education students) multi-step equation problems with variables on both sides of their own and have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will provide the essential question to family and teacher.	The student will share what they learned about the author of their quote, with a parent.

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____

E-Learning Activities for Students

7th Grade - Day Five

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Combining like terms in linear equations	Journaling Through An Emergency Closure	Weather Observations	Shortages in goods and services	Music Notation
Objective:	Students will be able to combine like terms in equations	Students will use their understanding figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	Students will explain how changes in supply and demand cause changes in prices and quantities of goods and services.	Students will write using music notation.
Materials:	Paper and pencil	Paper Writing utensil	Paper Writing Utensil Weather information	News program(s) Paper and pencil	Paper Writing Utensil
Activities and Instructions:	<p>Students will create 10 (5 for special education students) problems where like terms need to be combined</p> <p>EX: $5x + 17 - 12x - 8$</p> <p>EX: $12y - 6 - 12 + 9y$</p> <p>EX: $3w - 8w + 4w - 19$</p>	Day #5: In five sentences describe how you feel about having spent five days at home.	<p>Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.</p> <p>At the end of the week, write a 5 sentence summary of your findings and any patterns you noticed in your data</p>	Construct a 1 paragraph response about how your family may have been impacted by any shortages in goods/services in our community.	(Print out free staff paper from online if desired.) Draw 5 lines for a staff and your clef of choice. Write out 2 scales of your choice. Add a time signature and a variety of rhythmic figures to total your time signature per measure.
Independent Practice:	Students will answer all 10 (5 for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like today? How did you need to dress to go outside? Do you notice any patterns?	Students will write to express their point of view as an Illinois citizen.	Write and apply to playing if able.
Check for Understanding:	Guardian creates two (one for special education students) equations where like terms need to be combined and have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will share their writing with family and their teacher to show their point of view.	Students will perform 'composition' for family or share written work with someone, explaining the processes.

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____

E-Learning Activities for Students

7th Grade - Day Six

	Math	Reading and Writing	Science	Social Science	Electives
Lesson Title:	Integer practice	Journaling Through An Emergency Closure	Weather Observations	Quarantine: Yes or No	Digital Citizenship
Objective:	Students will be able to add, subtract, multiply and divide integers	Students will use figurative language to express their thoughts on topics relating to an emergency closure.	Students will record observations and identify patterns about the weather.	Students will compare the means by which individuals and groups change societies, promote the common good, and protect rights.	Students will practice proper email etiquette
Materials:	Paper and Pencil	Paper Writing utensil	Paper Writing Utensil Weather information	News programs Paper and pencil	Paper and Pencil
Activities and Instructions:	Students will create 10 integer problems (5 for sped. students) That use add, subtract, multiply, divide. Examples: -3 + 5 -4 + -9 -17 - 6 4 - 15 3 x -4 -7 x -4 64 divide -8 -48 divide -8	Day #6: In five sentences, what are you looking forward to the most with coming back to school?	Using the newspaper, a weather report on TV, or by accessing the internet, record the weather for each day including: Temperature, Humidity, Clouds, Wind, Precipitation, and Air Pressure. Create a chart to keep track of your weather data for each day so that you can look for patterns.	Construct a letter to a future 7th grade student about the quarantine imposed on Illinois and whether or not you believe this has been a way to protect its citizens and highlight your experiences. How has this experience personally impacted you?	Compose an email (or write a letter) to your teacher asking for help or clarification on a recent assignment. Include a proper greeting and closing. Use formal phrases and proper grammar.
Independent Practice:	Students will answer all 10 (5 for special education students) problems they created.	Can I use complete sentences? Could I add figurative language to my journaling?	Write a few sentences to describe each day in your own words. What do the clouds look like today? How did you need to dress to go outside? Do you notice any patterns? At the end of the week, write a 5 sentence summary of your findings and any patterns you noticed in your data.	Students will write to express their point of view as an Illinois citizen during a crisis.	Students may complete this using paper and pencil. Or if there is a need for a parent to contact the teacher, have the student help the parent write the email.
Check for Understanding:	Guardian creates Four (3 for special education students) Integer problems using add, subtract, multiply, or divide and have their child answer.	Students will provide evidence of understanding paragraph form, complete sentences, and figurative language through journaling.	Students will demonstrate understanding through written descriptions of weather and patterns identified.	Students will share their writing with family and their teacher to show their point of view.	Check for spelling and proper greetings like, "Hello," and closings like, "Thank you,"

Every Day: Read for 20 minutes. Write a short paragraph. **Parent Signature:** _____