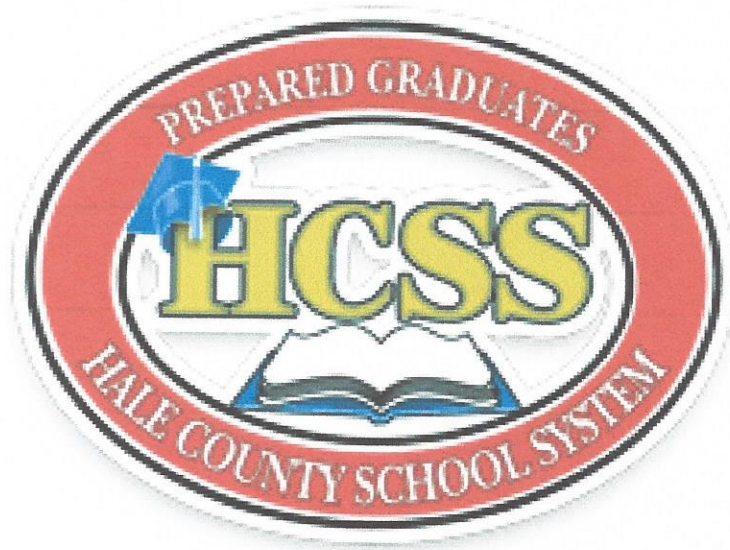


# Hale County School System



## Review and Enrichment Practice Fourth Grade

Michael C. Ryans  
Superintendent

# Learning Activity Packet for Emergency Closing #1

**Directions:** Select at least **four (4) activities** to complete each emergency closing day. Share/review your choices with an adult. Each activity is labeled with one or more content area icons; complete activities from a variety of different content categories (see icons below). **Check the box** for each activity you complete.



Literacy



Math



Science



Social Studies



Art and Music



Health and  
Wellness

NOTE: Items in **bold** indicate an attachment contained in this booklet; items that are underlined indicate an online website or resource.



Read for 30 minutes and write a journal response. What conflicts are characters facing in your book? How are characters responding to these challenges?

Static electricity experiment. Turn a pen into a paper picker-upper! Follow the instructions on the **Static electricity sheet**.

Write a **poem** from the perspective of Native Americans or Colonists as they settled the new world.

**Keep a Daily Journal:** Write the things you are experiencing with your family, as we go through this time in history.



Geometry is all around us! Create an illustration of all the geometry you see inside and out—label at least six different items with Geometry terms.

Make up a song about the weather. Include clouds like Cirrus, Stratus, Cumulus, Cumulo-Nimbus. Perform it for someone.

Develop an invention to respond to a storm-related problem. Create an advertisement for your item. See directions on the **Invention Template**.

Think of a science or social studies topic. On any piece of paper, create a list from A-Z and find words that begin with that letter.



Take time to stretch. Then work on fitness by jogging in place, doing curl-ups and push-ups, or (with permission from an adult) going on a walk outside.

Learn something new about a friend or family member. Complete the **Interview Activity**.

Help around the house: clean your room, fold laundry, do the dishes, or sweep/vacuum.

Create a poem from a science or social studies unit.



Log into Imagine Math through ClassLink and practice your math skills.

Write a one-paragraph report about a weather related topic and draw a picture to go with it.

Complete at least three **Math Challenge** problems from the worksheet.

With permission from an adult, follow the **Butter Recipe/Instructions** to make colonial butter. Spread it on some toast and enjoy



## STATIC ELECTRICITY EXPERIMENT

### WHAT YOU NEED:

- Balloon
- Plastic Pen
- Small scraps of paper (holes from a hole puncher work well)

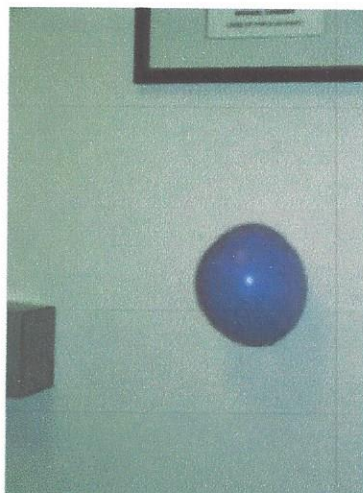
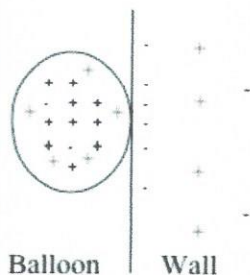
### TRY THIS:

1. Rub your hair on a balloon or wool sweater. What happens to your hair? Try to stick the balloon to the wall. Does it stick?
2. Rub a plastic pen on your hair or a wool sweater and hold it near a stream of water. What do you observe?
3. Rub the pen on your hair or the sweater again and try to pick up small pieces of paper.
4. See how many pieces of paper you can pick up.
5. Test rubbing the pen against other materials like your shirt or a scarf. Which material makes for the best paper picker-upper?

### WHAT'S GOING ON?

In all of these experiments, we are manually moving electrons from one material to another. Your hair stands up because it is full of electrons. The electrons don't like each other and are trying to get as far away from each other as possible.

The balloon sticks to the wall because it creates an induced charge. The positive charge of the balloon attracts electrons from the wall, and the balloon sticks! The same thing happens with the pen and the water and the pen and the paper.







## INVENTION TEMPLATE

Imagine that you are an inventor. Your task is to develop a new product to respond to a storm-related problem. Use your imagination to design your invention. Then, write a persuasive advertisement to convince people to buy your product.

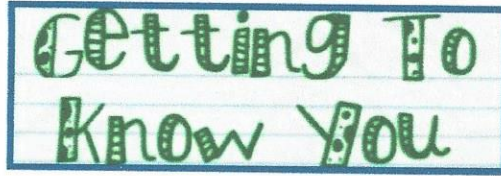
1. Think of a product to invent.
2. On a separate sheet of paper, draw a design for your product.
3. Label your drawing with all of the product's special features.
4. Complete the Invention Advertisement Pre-Write below. The more detailed you are on the pre-write, the easier writing the advertisement will be. Remember, your goal is to **PERSUADE** someone to **BUY** your product.
5. Using your pre-write responses, write or type an advertisement for your product.

### INVENTION ADVERTISEMENT PRE-WRITE

1. Write a clever, memorable name for the product you created.
2. Describe the special features of your product:
3. Brainstorm persuasive words and phrases to influence people to buy your product.
4. Write a sentence (or two) that establishes a sense of urgency for people to buy your product.
5. Determine the price for your product. Remember that the price should make the product affordable and yet take into account production costs and earnings so your company will make a profit.
6. Write a lead sentence (ask a question, address your audience, make a bold statement).



## INTERVIEW ACTIVITY



Learn more about a family member through this interview activity.

1. Think of a relative you would like to interview.
2. Brainstorm 10 questions that you could ask him/her below. When developing questions, try to think of questions that you do not already know the answers to.
3. Set up a time to interview your relative.
4. Record his/her answers on a separate piece of paper.

Who will you interview? \_\_\_\_\_

Why do you want to interview this person? \_\_\_\_\_

Think of 10 questions to ask this person to help you learn new things about him/her.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

What surprised you most about what you learned about this person?

**MATH CHALLENGE**

Use scrap paper to work on the solutions to the following problems. Try to complete at least 3.

On a snow day, 8 kids from the neighborhood gathered to build snowmen. The kids used two buttons as the eyes on each snowman. 7 more kids joined to make snowmen and used buttons for the eyes, too. How many buttons were used to make the snowmen?

Sheena baked 112 cookies. She kept 16 cookies at home for her family and shared the rest evenly with her 8 friends. How many cookies did each friend get?

It snowed 3 inches each day for a week. By the next Monday, 6 inches had melted away. How many inches of snow were still on the ground?

9 children went outside to play in the snow. They wore their gloves. Isaiah and Michael each lost a glove while outside. How many gloves did the children bring back inside?

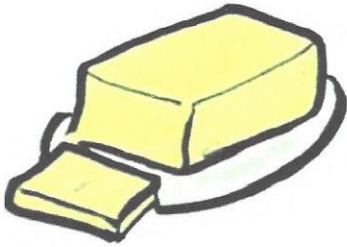
4 groups of people went to a restaurant. Each group had 5 people in it. Everyone ordered a cup of hot chocolate. Rebecca, Malaki, and Jeffrey each ordered an extra cup of hot chocolate. How many cups of hot chocolate did the people drink that day?

The Smith family went ice skating on a frozen lake. The 2 parents and 4 children each had ice skates. They brought an extra pair of ice skates in case anyone else wanted to join them. How many ice skates did the family bring?



## COLONIAL BUTTER RECIPE

Follow the recipe below to make homemade butter.



### Ingredients:

- 1 pint of Heavy Cream
- A pinch of Salt
- 1 ziplock bag (quart size or larger)

### Directions:

1. Pour heavy cream and salt into a ziplock baggie, close the bag all the way and start shaking.
2. After 15 minutes of shaking, chunks of butter will start to form. Drain excess liquid from the bag. Adjust salt if necessary and re-seal the bag.
3. Store the butter until you are ready to use it.

Reflection: What did you think about the process? What was the result?

# Learning Activity Packet for Emergency Closing #2

**Directions:** Select at least **four (4) activities** to complete each emergency closing day. Share/review your choices with an adult. Each activity is labeled with one or more content area icons; complete activities from a variety of different content categories (see icons below). **Check the box** for each activity you complete.



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Read an independent book for at least 30 minutes. Compare and contrast two characters. Record your response on the **Character**.

Log into Imagine Math through **ClassLink** and practice your math skills.

Respond to the **Winter Writing Prompt** and write about what the world would be like if it were covered in 6 feet of snow.

Color the **Mindfulness Worksheet**



Write a letter of appreciation to someone who works in your school. Tell them what you appreciate about them the difference they make in the school, and thank them for all they do.

With help from an adult, play a game, research a composer, compose a song, or dance to the beat. Visit: [www.classicsforkids.com](http://www.classicsforkids.com)

Compare the fractions below. Use the symbols  $>$ ,  $=$  or  $<$  to record your comparisons. Draw a picture to illustrate your answer.  
- and -    - and -

Complete the **Math Challenge** questions. Bonus: see if you can write your own math challenge and have someone at home find the answer.



Roll two dice and multiply the result to find the product. Record the product. Do this 25 times. Create a bar graph with the results. What do you notice?

Write a paragraph that explains a time when you used a service in your community.

Check a website or observe the moon. What phase is it currently in? Draw a diagram that shows the moon's last phase and its next phase.

With permission, visit a weather website or read a newspaper and log the current weather. Compare today's weather with predictions for tomorrow.



**Landscape Out Your Window** - draw a picture of what you see from your window.

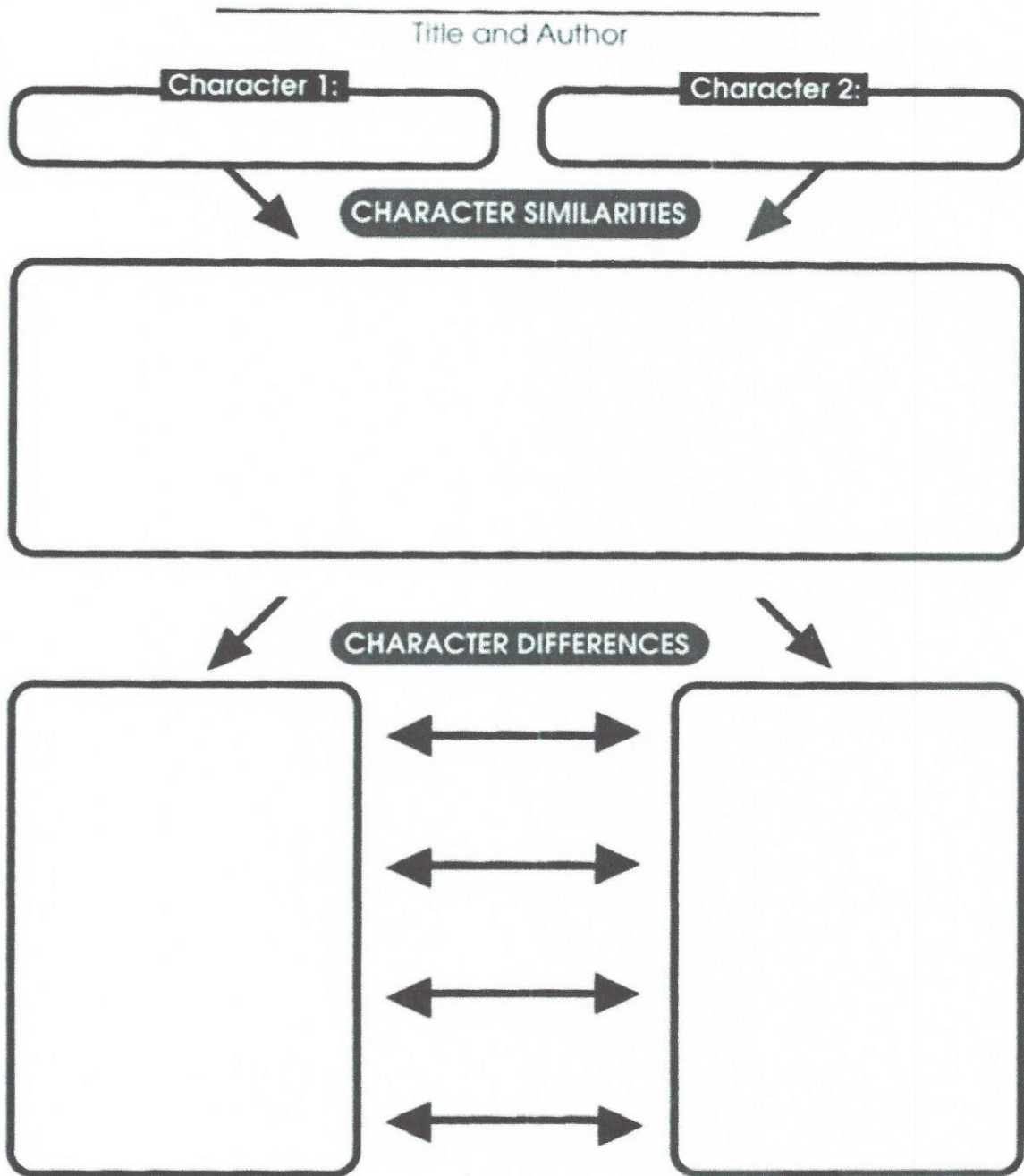
If you play a band or orchestra instrument, practice your assigned music lesson for at least 20 minutes.

Find a comfortable space in your house and follow the instructions on the **Let's Get Moving** sheet.

**Self-Portrait.** Look in a mirror and draw a self-portrait. Include as much realistic detail as possible.



CHARACTER COMPARISON



**WINTER WRITING PROMPT**

Respond to the following prompt: Imagine that the entire world is covered in 6 feet of snow! What does the world look like? How do the kids deal with the snow? The adults? How does the deep snow affect the animals, birds, and fish?



## MINDFULNESS COLORING

Color in the design below.



**MATH CHALLENGE**

There are 6 tables in Mrs. Potter's art classroom, with 4 students sitting at each table. Each student has a box of 10 colored pencils. How many colored pencils are at each table? How many colored pencils are there in total?

What if there were 6 students at each table, and each student had a box of 12 colored pencils? How many colored pencils are now at each table, and how many colored pencils would there be in total?

**BONUS:** Write your own math challenge. Give it to someone else in your house and see if they can find the answer(s).



## LANDSCAPE FROM YOUR WINDOW



Use materials of your choice (crayons, pencils, paint, clay) to create a picture of the view from your window. What do you see? What is happening? How can you tell? What details can you include in your artwork to describe what you see? Find a creative way to show what is happening outside your window. Bring your artwork to school to share with your class.

**LET'S GET MOVING!**

Find a comfortable place In your house and do the exercises listed below.

**Push-Ups**

Get in a push-up position with your arms straight and elbows locked. Try holding yourself in this position for 90 seconds.

**Shoulder Tap**

While in the push-up position, try to touch your right hand to your left shoulder, then your left hand to your right shoulder. Repeat 24 times.

**Ab Crunches**

Lay on the floor and do 30 abdominal crunches.

**Repeat this routine one more time!**

Blank paper for you to use...

Blank paper for you to use...

Blank paper for you to use...

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

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# Daily Reading Log Sentence Starters-

Use these sentence starters to help you write a response to what you read. Try to use different ones each day.

## Setting

The setting reminds me of \_\_\_\_\_ because \_\_\_\_\_.

## Character

The character \_\_\_\_\_ reminds me of \_\_\_\_\_.

When the character did \_\_\_\_\_ I thought \_\_\_\_\_.

## Purpose/Theme/Main Idea

I think the author is trying to get me to think about \_\_\_\_\_.

I could relate to the story because \_\_\_\_\_.

The story/section I read was mainly about \_\_\_\_\_.

## Predicting

I think \_\_\_\_\_ will happen because I noticed \_\_\_\_\_.

I wonder if \_\_\_\_\_ will happen because \_\_\_\_\_.

I predict \_\_\_\_\_ will happen because \_\_\_\_\_.

## Clarifying

I am unsure about \_\_\_\_\_.

One word/phrase I don't understand is \_\_\_\_\_.

I'm confused about \_\_\_\_\_.

One question I have is \_\_\_\_\_.

## Making Connections

This reminds me of \_\_\_\_\_ because \_\_\_\_\_.

This story is different from \_\_\_\_\_ because \_\_\_\_\_.

## Drawing Conclusions

I think that when the character (action) \_\_\_\_\_ it means \_\_\_\_\_.

One way I could describe the character is that he or she is

\_\_\_\_\_.

## Daily Reading Log Sentence Starters, *continued*

Example	Non-Example
The setting reminds me of <u>a summer camp I attended</u> because <u>we also did a lot of activities and slept in bunks</u> .	The setting reminds me of <u>nothing</u> .
I think <u>the main character will keep trying to make friends</u> because <u>she seems lonely</u> .	I think <u>the main character will happen</u> because <u>she is lonely</u> .
One question I have is why did the main character get upset.	One question I have is what happened.