

4th Grade



Independent Learning Day Activities

Dear Students, Parents and Families:

The district worked diligently to provide independent learning activities for K-6 elementary students.. Please review the calendar pages for ideas and suggestions. The tasks are engaging and fun. Students may choose which activities interest them the most. These activities will not be graded, but will help maintain academic skills.

While at home, students are asked to engage in independent learning, using their time to apply the skills and knowledge they have been working on in their classrooms. Included in this booklet are the following:

- Two separate menus of learning activities are provided. These activities represent various content areas and levels of difficulty, and aim to support creativity, innovative thinking, personal wellness, and social consciousness.
- Some activities refer to a separate worksheet. These items are highlighted in **red**, and contain a reference number (e.g., "1-A") which can be found at the top of each attachment. All attachments have been provided in student packets, and are also available on the website.

You're continued partnership with the Wallkill Central School District is greatly appreciated



TOGETHER WE MAKE A DIFFERENCE

Activity Menu 1



Literacy

Math

S.T.E.M.

Social Studies

World
Language

Art and Music

Health and
Wellness

NOTE: Items in RED indicate an attachment contained in this booklet; items in BLUE indicate an online website or resource



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

Read for 15 minutes.



Consider your energy consumption on this day. What energy have you used today? What were your energy sources?

Read for 15 minutes.



Teach a family member or friend at least 5 words you have learned in Spanish class. Then, draw a picture using these words. Label the picture.

Read for 15 minutes.



Read the **Mindfulness Task Cards (1-A)** and select at least one to try. Then try coloring after reading a Mindfulness Mantra.

Read for 15 minutes.



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.

Read for 15 minutes.



Make up a song about your storm day. Perform it for someone. Record yourself performing it if you have access to technology. (Tip: you can piggyback on a familiar tune like Row Row Row Your Boat)

Read for 15 minutes.



With permission from an adult, do an experiment to see why we put salt on snow. Follow the directions on the **Science Time worksheet (1-B)**.

Read for 15 minutes.



Perform at least two acts of kindness for someone today. Write about what you did and how it made you feel.

Read for 15 minutes.



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.

Read for 15 minutes.



Learn something new about a friend or family member. Complete the **Interview Activity (1-C)**.

Read for 15 minutes.



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

Read for 15 minutes.



Create a poem from a science or social studies unit (ex., Energy and Collisions, Mythology, Colonial America)

Read for 15 minutes.



Visit www.IXL.com for math practice.

Read for 15 minutes.



Design the ultimate s. Draw it from different angles to show all the unique features.

Read for 15 minutes.



Complete at least three **Math Challenge (1-D)** problems from the worksheet.

Read for 15 minutes.



With permission from an adult, follow the **Butter Recipe/Instructions (1-E)** to make colonial butter. Spread it on some toast and enjoy!

Read for 15 minutes.



MINDFULNESS 

Mindfulness helps to quiet our minds. What are some things that keep your mind racing? (i.e. worrying, reliving the past, making mental to do lists, etc.)

9

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MINDFULNESS 

Gratitude is a mindfulness practice that allows you to experience joy, compassion and appreciation. In this moment, what are you grateful for?

10

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MINDFULNESS 

Think about the people in your life that you are grateful for. Who are they and how do you let them know you appreciate them?

11

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MINDFULNESS 

When you think about the people in your life you are grateful for, how do you feel? What sensations do you experience in your body? (i.e. my shoulders relax, my heart flutters, etc.)

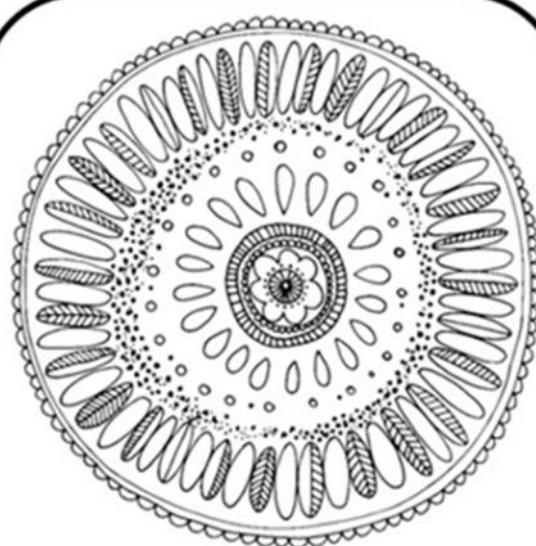
12

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In this moment, I breathe out everything I don't need

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I am in control of my feelings. I choose how I feel

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Day 1 Worksheets, Writing Prompts and Attachments



SCIENCE TIME - ICE CUBE MELTING CHALLENGE

(1-B)



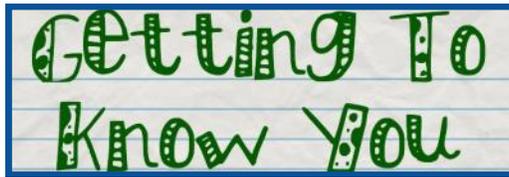
Why do we put salt down on the roads when they are icy? Let's do a little experiment with the "Ice Cube Melting Challenge."

Take 2 ice cubes (make sure they are close to the same size) and lay them on a tray. On one of the ice cubes, pour a little salt over the top. Observe as the ice cubes melt. Which one melts the fastest?

Describe what happened.

Why do you think this happened?

Check out this website for more information: <http://www.sciencekids.co.nz/videos/chemistry/icesnow.html>



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?

Day 1 Worksheets, Writing Prompts and Attachments



MATH CHALLENGE

(1-D)

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?

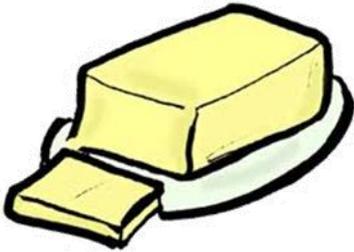
9 children went outside to play in the snow. They wore their gloves. Isaiah and Michael each lost a glove while outside. How many gloves did the children bring back inside?

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?



Follow the recipe below to make homemade butter.



Ingredients:

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

Directions:

1. Pour heavy cream and salt into a ziploc 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 bag. Adjust salt if necessary and re-seal the bag.
3. Store the butter until you're ready to use it.

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

Activity Menu 2



Literacy

Math

S.T.E.M.

Social Studies

World
Language

Art and Music

Health and
Wellness

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Read an independent book for at least 30 minutes. Compare and contrast two characters. Record your response on the Character Worksheet (2-A).
Read for 15 minutes.

Visit IXL.com and complete at least two Math lessons.
Read for 15 minutes.

Write about what the world would be like if it were covered in 6 feet of snow.
Read for 15 minutes.

Take a few minutes to be mindful. Follow the instructions on the Mindfulness Worksheet (2-C).
Read for 15 minutes.



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.
Read for 15 minutes.

With help from an adult, play a game, research a composer, compose a song, or dance to the beat.
Read for 15 minutes.

Visit IXL.com and complete at least two Math lessons.
Read for 15 minutes.

Complete the Math Challenge (2-D) questions. Bonus: see if you can write your own math challenge and have someone at home find the answer.
Read for 15 minutes.



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?
Read for 15 minutes.

Draw a new species/animal And label its features and characteristics. Explain why this animal has these specific features. What does the animal use these for.
Read for 15 minutes.

Write a letter to a family friend or relative. Explain something you learned in Science!
Then mail it!
Read for 15 minutes.

Help your make breakfast, lunch or dinner!
Make sure your are paying attention to the specific measurements!
Read for 15 minutes.



Landscape Out Your Window - draw a picture of what you see from your window. Use worksheet (2-E) for guidance.
Read for 15 minutes

If you play a band or orchestra instrument, practice your assigned music lesson for at least 20 minutes.
Read for 15 minutes.

Let's Get Moving! Find a comfortable space in your house and follow the instructions on the Let's Get Moving Worksheet (2-F).
Read for 15 minutes.

Self-Portrait. Look in a mirror and draw a self-portrait. Include as much realistic detail as possible.
Read for 15 minutes.



Title and Author

Character 1:

Character 2:

CHARACTER SIMILARITIES

CHARACTER DIFFERENCES

The worksheet is designed for comparing two characters. At the top, there is a line for the 'Title and Author'. Below this are two rounded rectangular boxes labeled 'Character 1:' and 'Character 2:'. Arrows from these boxes point to a large, empty rounded rectangular box labeled 'CHARACTER SIMILARITIES'. Below this box are two more rounded rectangular boxes, one on the left and one on the right, labeled 'CHARACTER DIFFERENCES'. Four horizontal double-headed arrows connect the two difference boxes, indicating a comparison of their contents.

Day 2 Worksheets, Writing Prompts and Attachments



WINTER WRITING PROMPT

(2-B)



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

(2-C)

Take a few minutes to be mindful. Find a comfortable spot to sit or lay down. Close your eyes and take several deep breaths. Think about what you feel, hear, smell. When you're finished, quietly color in the mandala below.

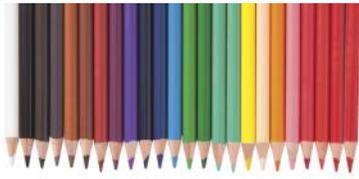


Day 2 Worksheets, Writing Prompts and Attachments



MATH CHALLENGE

(2-D)



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?

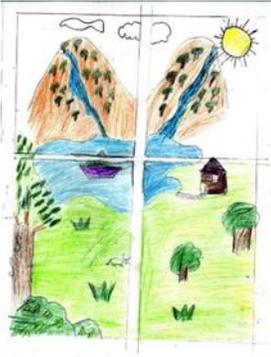
What if there were 6 students at each table and each student had a box of 12 colored pencils? How many colored pencils are now at each table, and how many colored pencils would there be in total?

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

(2-E)



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.

Day 2 Worksheets, Writing Prompts and Attachments



LET'S GET MOVING!

(2-F)

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 60 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 20 times.

Ab Crunches

Lay on the floor and do 20 abdominal crunches.

Repeat this entire routine one more time.