

Mist Grade School  
Grades 3, 4, 5  
Mrs. Jones  
Week of May 4-8

Hello my dear Students!! Thank you for talking to me, emailing me, and sharing your work this past week. I love all the different directions you are going with your learning! Which brings me to a few classroom questions we always go over at school...

Question #1: Why do we go to school?

Question #2: Who do you go to school for?

If you forgot the answers to these two questions, you will find the answers embedded in the third question...

Question #3: In your opinion, what is the importance of coming to school to learn for yourself?

I ask these questions as reminders to keep in close your thoughts as you continue with your distance learning. I am encouraged by what I see and hear from you. I want you to know that the learning document I send you is A LOT of learning ideas. I do not expect you to do everything. I also know that you cannot turn everything in to receive a grade. Your distance learning is for you! Everything you do is for you, so have fun with it.

You have been sharing your learning with me because you are proud of it and you want feedback. This is learning. Learning all that you can for you! And being the best you can for you and others. These thoughts are what get me through the week. When you go through the packet choose what you want to do. If the ideas give you a different idea then go with what interests you. For example: one of your classmates is planting a real garden for her math garden problem solving last week and another classmate wants to create a 3-D garden and yet another student is actually rooting a plant! It's all still the garden idea...you can tweak it to fit your needs and interests.

One more note...this week I want to post math standards for you to be aware of that are the most important to work on to help you for next year's math. It is

review learning only, but they are basic skills that will help you with all math that you do from here forward to graduation!

Math Standards to focus on:

3rd Grade add/subtract up to 100s numbers, know your multiplication and division facts, be able to use those skills in problem solving. Know that fractions are part of a whole, equivalent fractions, add/subtract fractions, and decompose them.

4th - add/subtract multi-digit numbers (thousands up to millions), be able to multiply 3 or 4 digits by 1 and 2 digits, be able to divide up to 4-digits by 1-digit. Know equivalent fractions, how to add and subtract fractions with like and unlike denominators.

5th - Add, subtract, multiply and divide multi-digit whole numbers and decimals, know all functions with fractions and decimals, be able to use whole numbers, fractions, and decimals in problem solving.

The fractions are not super important, but I know we have gone over enough of them, that we can keep going. We are all in different places with fractions so I will keep the assignments coming for each of you with suggestions, MobyMax, and/or IXL.

New Websites:

<https://mysteryscience.com/lessons/seasonal/spring> Don't forget about Doug! You have free access to his science at any grade level. There are also extra activities and links that you can connect to.

<https://www.getepic.com/app/edu-dashboard> Your parents have been sent a link to hook you up to books on the website "Epic." I do not think you need a classroom code if your parents sign you up, but just in case. Classroom Code:cth4593.

<https://www.nationalgeographic.org/education/classroom-resources/explorer-magazine/student-signin/> If you want to view and read our last National Geographic issue, please use the code:Wetland

**\*Remember: Pick and choose what you would like to do and have fun with it!**

\_\_\_\_\_ Weekly Schedule

Students, briefly write down your schedule for learning for each day. Have fun!

Day	Monday, April 20th	Tuesday, April 21th	Wednesday , April 22th	Thursday, April 23th	Friday, April 24th
Math  Time:					
Read  Time:					
Write (Journal)  Time:					
(Optional)  Extra Learning #1   Extra Learning #2					

### **Assignment #1 Writing - Nature Journal - Art**

I saw and heard enough good feedback about the art lessons to give them another try in your journal this week. Included are the next 3 art lessons from the website, "30 Days of Art with Miss Lanker."

<https://sites.google.com/dps61.net/misslanker/home> Keep you, your home, family, and nature in mind as you pick and choose the art projects below. No need to do all. Which one speaks to you? Do that one! You can add your art into your notebook or do it on another source that you can hang up. Your artwork and journaling is for you so you make the decisions what will work best.

<https://sites.google.com/dps61.net/misslanker/day-4-radiant-child-abstract-expressionism-basquiat>

<https://sites.google.com/dps61.net/misslanker/day-5-jen-stark>

<https://sites.google.com/dps61.net/misslanker/day-6-torn-paper-landscapes>

In day six's art lesson, "Landscapes", they talk about the layers of a picture: Foreground, Middle ground, and Background. If you choose to go outside and journal, keep this idea in mind as you sketch. For writing, write a descriptive paragraph using your senses to describe your landscape. You could write in first or third person or both!

You can still work on last week's writing prompts if you want. I am including the editing/proofreading section again. Going back to my initial note on the first page of this document, remember, your learning is for you and you want to keep pushing yourself to do better. IMPROVEMENT is NECESSARY to MOVE FORWARD. I am not yelling at you with those capital letters...I am letting you know how important it is to judge your own work and pick one thing to improve upon always.

### **Assignment #2 Reading - Comprehension Ideas**

- Keep going with the previous week's journaling ideas for reading if that is what you like.

-OR-

- On the second page, I attached a link to the website for Epic. Here it is again. <https://www.getepic.com/app/edu-dashboard>. I sent your parents a link to set you up to read any books you would like. Some of you are already using it. If you run out of books at home this may be a fun way to read also.

-OR-

- Chapter Book - running record. A lot of you have been reading chapter books. If you are starting a new one or are in the middle of one you could, instead of writing in your notebook, create a google.docs page and keep a daily recording of your reading and share with me and we could respond back and forth. Then you would have an account of your reading for an entire book! I would have fun doing this with you...it would be a book talk group...we could add in more people as well! Let me know if you are interested.

### **Assignment #3 Math**

- Additions to garden: Keep working on your garden if you like. Perhaps visit a website, like HomeDepot, that could give you prices on the plants you would like to have in your raised beds. Create a shopping list of your plants or seeds and add up how much you spend.

- Sprout Kitchen scraps - The video link below, is to the Territorial Seed Company. There is a section that I found interesting and actually was able to grow green onions in a glass of water, harvest and eat them. They grew roots and I am going to plant them in soil outside in a pot. Now I don't have to buy the onion at the store. I just keep snipping what I want to eat each night in my salad!

[https://www.youtube.com/watch?v=f1N\\_aT8Rm4&t=203s](https://www.youtube.com/watch?v=f1N_aT8Rm4&t=203s) Test the idea out and watch plants grow: onions, fig leaf, pineapple, celery, radishes, beans, wheat seed, potatoes, etc. Keep track in your journal, keep measurements, time of day, observations, predictions, make a growth chart, sketch.



Onions I bought from the store sprouted overnight in a glass of water. The greens have been growing an inch a day! Last year's potatoes were sprouting in my basement. I stuck them in black containers. 3 Weeks later I have plants!





Carrots that did not get harvested out of the garden are actually growing on their own. The greens came back to life. I dug one up...it's kind of orange and crispy like a carrot, but I did not eat it... The next photo is an artichoke plant that popped right back up in the garden. Pretty excited about that because they do not always come back. Our winter was mild. Maybe that helped save the plant.



If you choose to plant seeds, peas are fast growing with a little sun. These seedlings are a week old. Radishes grow even faster!

#### **Assignment #4 Science**

Just including a couple more science experiments...just in case you are interested. If you tackle any science experiments, keep record in your journal of materials you use, sketches, observations, measurements, results, conclusions...this is a part of your reading, writing, and math learning

# DEER DROP PARACHUTES

Swap game night with invention night and kick it off with this fun STEM activity for kids! You will be challenged to create your own parachute in order to help your toy animal safely land.



## MATERIALS NEEDED

- Deer toy or stuffed animal
- Tape
- Scissors
- Objects found around the house or classroom
- String
- Plastic bags

## AT-HOME INSTRUCTIONS

The challenge is to safely parachute a toy deer (or another toy of your choice). With a parent's permission, scour the basement, recycle bin, junk drawer and garage for items you can use to construct your parachute. Old clothes and grocery bags are great items, but don't stop there. What items can you upcycle to build a parachute for a deer? When everyone has finished, have an adult safely stand on a high space (such as an outdoor stairwell, the top of the slide at the park or launch from a window) and gently toss your creations. Have your family count down from 10 as you launch the parachutes. Cheer when deer lands slowly and safely. Make modifications and retest to improve the safety of the landing as many times as needed!

## EDUCATORS: USE THIS ACTIVITY IN THE CLASSROOM WITH THESE MODIFICATIONS!

Break students into teams to create their parachutes. If weather allows, test your parachutes from the top of the slide or playset on the playground. If you need to stay inside, consider using a stage or bleachers in the gymnasium to test the parachutes. After the first trial, discuss what was successful and what could be improved and allow each team 10 minutes to make modifications before retesting as a class.

## WHAT ARE WE LEARNING?

Why does the parachute work? When you toss the parachute up, if the canopy fills with air, the deer will slowly land on the ground. (At least slower than when not attached to a parachute!) Air resistance is pushing the parachute upward, and gravity is pulling the parachute downward. If the forces were equal in strength, the parachute would not move; it would be stuck in the air. But since gravity is stronger, the parachute is attracted downward and it floats down slowly, protecting the deer from impact.

## LOOKING FOR MORE STEM ACTIVITIES?

Discover more fun and educational science activities by visiting our blog at [invent.org/blog](http://invent.org/blog) or visit our Camp Invention Facebook page at [facebook.com/CampInvention!](https://facebook.com/CampInvention!)



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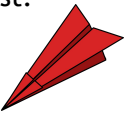

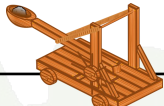





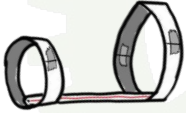

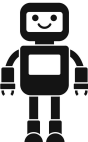





# Enrichment Activity Chart: *Offline Learning*

## Upper Elementary (3-5)



Create Monday	Science Tuesday	Active Wednesday	Engineering Thursday	Fun Friday
Create your personal mission patch! In a large circle, draw (or use clippings) to represent things you are passionate about.	Scientists want to understand the world around us. Write 5 WHY or WHAT questions to learn more about something in nature.	Create an obstacle course. Get a family member to try! What is the shortest amount of time it takes to get through the course?	Engineers solve problems to improve our lives. Brainstorm an invention that can improve your life. Draw how it will work.	Make leaf art! Place a leaf under a sheet of paper and rub a crayon over the leaf to reveal its print. 
Create a skit or poster on the importance of hand washing and how to do it properly. 	Which is the best invisible ink? Write 3 messages using milk, lemon juice, and vinegar. Allow to dry. Heat up the paper with a blow dryer to see message appear.	Play some basketball (or trash can ball)! Measure how many baskets you make out of 10. 	Design and build a table using only newspaper or paper and tape. How much weight can it hold? How can you make it stronger?	Host a paper airplane contest. 
With the help of an adult, cook lunch or dinner. Measure out the ingredients. How would you double or halve the recipe?	Place a small ball on top of a large ball and drop them together. Watch how energy is transferred!	Find a quiet place in nature. Bring a journal and record everything you see. 	Design and build a catapult with household item to knock over a tower of cups. 	Use a small bag of candies like M&Ms, find the ratio of each color to the total candies in the bag. 
Make a greeting card using 3D pop up art. 	Find a leaf on a plant, wrap it in a plastic bag and secure it with a rubber band. After a few hours water will appear! This is the plant's version of sweating.	Go outside and record as many different insects and mammals as possible. 	Design and build a roller coaster from paper, paper plates, and tape. How long can you keep a ping pong ball moving? 	Draw or write a story about your ideal vacation. 
Create a hoop glider using a straw and paper. How far can you make it go? 	Take a pencil and scribble in a square to create a graphite "ink pad". Press your finger in the graphite and then on a sheet of paper to look at your fingerprint!	Measure your heart beat for 10 seconds. Do jumping jacks and then measure again. What is the difference?	Create a zip line for a small action figure to travel down from at least your shoulder height. 	Survey your family for these genetic traits: dimples, attached earlobes, ability to roll tongue, and right thumb goes on top when clapping hands.
Draw a robot invention. What would it do? 	Go outside and write down your weather observations. What do the clouds look like? Can you tell what direction they are moving?	Create your own dance workout routine. Teach to a family member. 	Imagine you only have one leg. Design a prosthetic leg using household items. Test it out! How do you make it comfortable? How would it attach to your body?	With a family member, discuss a significant historical event that happened to them. How did this event impact their life? What did they learn?