

OAKLAND CUSD #5

4TH GRADE
MAY 1 1-15, 2020

JESSICA GRANT

Week of May 11-15th, 2020
Mrs. Grant 4th Grade
Last One!!!

Class	Choice 1	Choice 2	Choice 3
Math	Make up 15 long division problems that have 3 digits and solve.	Make your own 3x2 digit multiplication problems. Ex. 103x 56	2 Complete Rounds of Xtra math
Science	Lemon Volcano Experiment, and write a summary on what reaction your lemon had	Flower Power cut page	Fill out the Mother's Day Press Newspaper and give to your mom
Language	Tell me about the 5 best things that you learned this year	Write ½ pg in cursive about what you are going to be doing this summer.	Write ½ pg. letter to your teacher next year about things that you would like to learn about in the 5th grade and why.
Social Studies	United States Crossword	State Capital word search	Map Grid worksheet
Reading	Write ½ pg. Summary on your favorite book that you read in the 4th grade.	Write an 8 line poem about the fun you will have this summer.	Choose a book to read to a parent, family member, stuffed animal, whoever, and record it. Send me the video to my email jessica.grant@oakland5.org

Lemon Volcano Supplies

The best part of this science experiment is that it uses items you already have around the house.

Lemons! We used 4 lemons
Knife
Cutting board
Craft sticks
Food colouring
Dish soap
Baking soda
Large dish (to catch all the eruption mess)

Safety first!

We are working with an acid. Use your best judgement on the capabilities of your children. Use gloves, safety goggles, aprons as needed, and always ensure kids do these experiments under responsible adult supervision.

The first thing we did was cut all of our lemons in half after rolling them. If you know anything about lemons, you know rolling them is important to get the juices flowing before you cut. In this experiment, the juices are critical, so we want our lemons nice and juicy. Simply roll it on the table with some pressure on it from your hand to start those lemon juices flowing.

Once they are cut in half, use a craft stick to poke into the flesh of the lemon and release those juices a little more.

Set your lemons on your large plate. If they won't stand up, simply cut a flat part onto the bottom.

Add a few drops of food coloring. We really enjoyed mixing up our colors and creating a rainbow of volcanoes.

Choice 1

Next add a dribble of dish soap to each lemon.

Now is when the chemistry and science fun starts! Sprinkle the top of the lemon with a generous layer of baking soda. You will notice a little bit of reaction starts immediately.

But we want our lemon volcanoes to have epic eruptions!

So now we need to take our craft sticks and poke our lemons to really push the baking soda into the lemon and mix it with the lemon juice.

We have a lemon volcano eruption!

Lemon Science – Why Does A Lemon Volcano Erupt?

So what makes our lemons explode with such awesomeness? It all comes down to one of our favorite chemistry reactions, the interaction between acids and bases which results in the release of CO₂ gas (the bubbles). The dish soap helps capture the gas so we can see it as bubbles during the reaction.

In many of our experiments we use vinegar for our acid, but lemons work as well. Why? Because lemons are full of citric acid. That is what gives them that sour flavor. That acid reacts with baking soda (a basic) and gives us our big reactions.

More Lemon Science Project Ideas

Once we were done with our lemon volcano experiments we started brainstorming even more ideas for what we could do with our lemons.

The first thought was to use our colorful lemons to create art. Simply scrap off most of the reaction leaving the colorful flesh of the lemons. Press the lemons onto a sheet of paper to create beautiful designs and patterns.

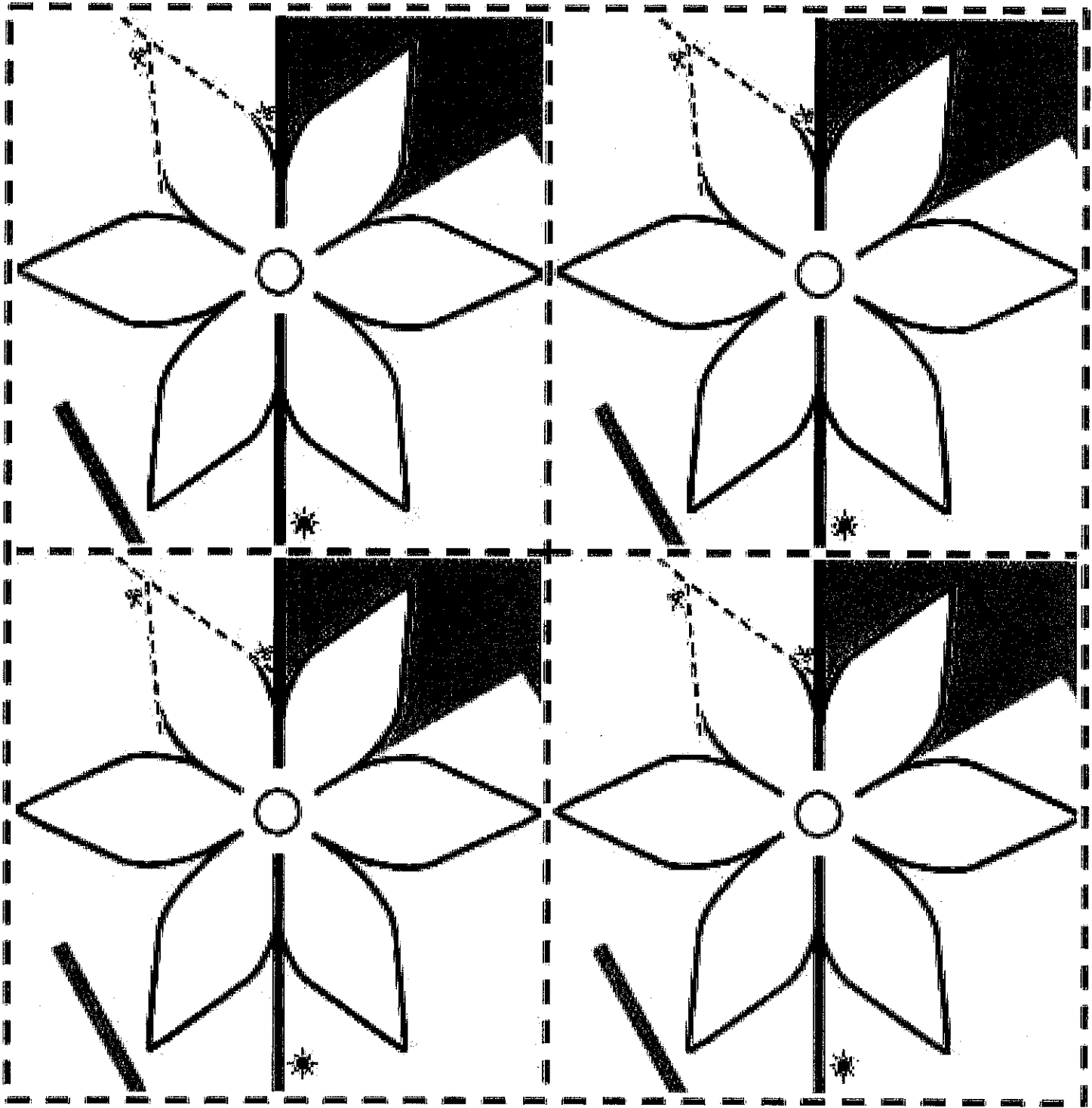
Another area might experiment with next time, is to use baking powder and see how the eruptions compare to those using baking soda. We have done **comparisons between baking soda and baking powder** in the past and found some interesting results. In many ways we preferred the reactions created using baking powder. So how would that change our lemon volcano science experiment?

Flower Power

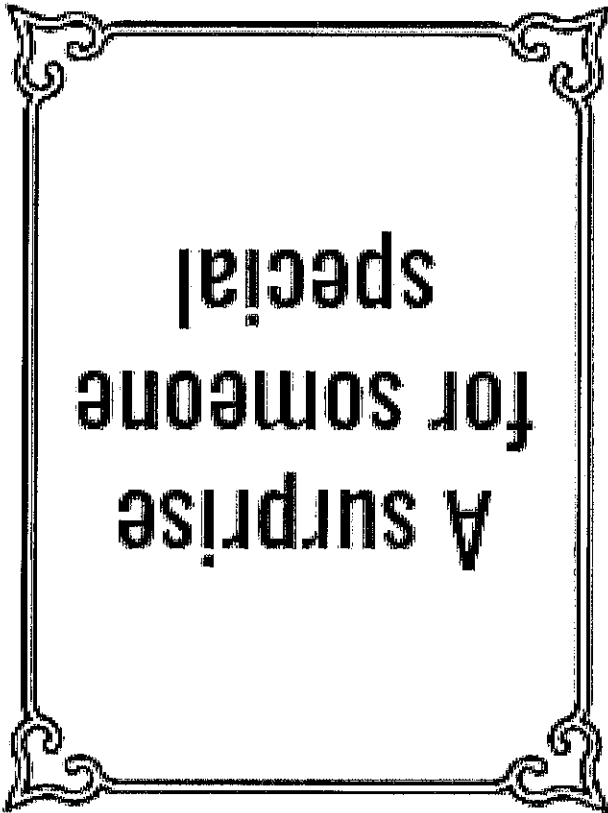
MYSTERYscience
Seasonal | Mother's Day

How To Make A Flower:

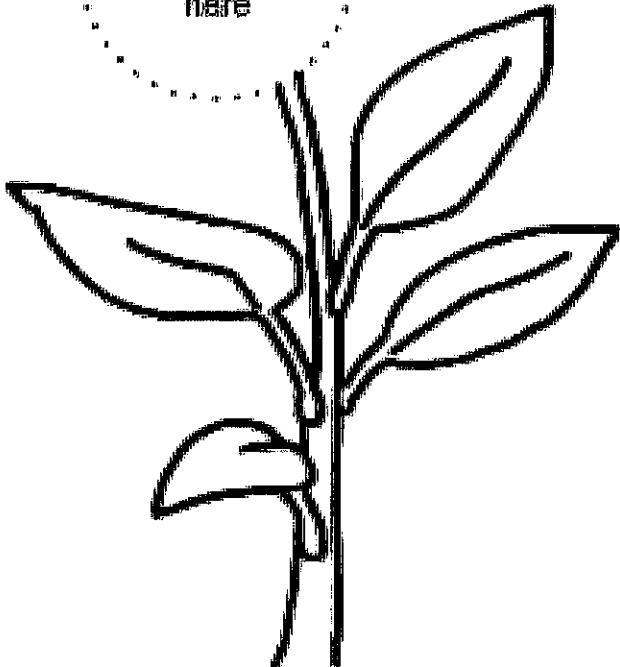
1. Cut out a square along thick dashed lines.
2. Fold in half along thick black line so pattern is facing out.
3. Pull up corner with the sun until the edge meets the dark grey area. Fold.
4. Pull top left corner down until it meets bottom edge. Fold.
5. Cut along two dashed lines. Unfold.
6. Pull tip of each petal until it meets center circle. Fold. Repeat for all petals.



TEACHING WITH A MOUNTAIN VIEW
MYSTERY SCIENCE



This paper flower blooms because



Dear _____,

I made a flower
that will bloom
just for you.

Love,



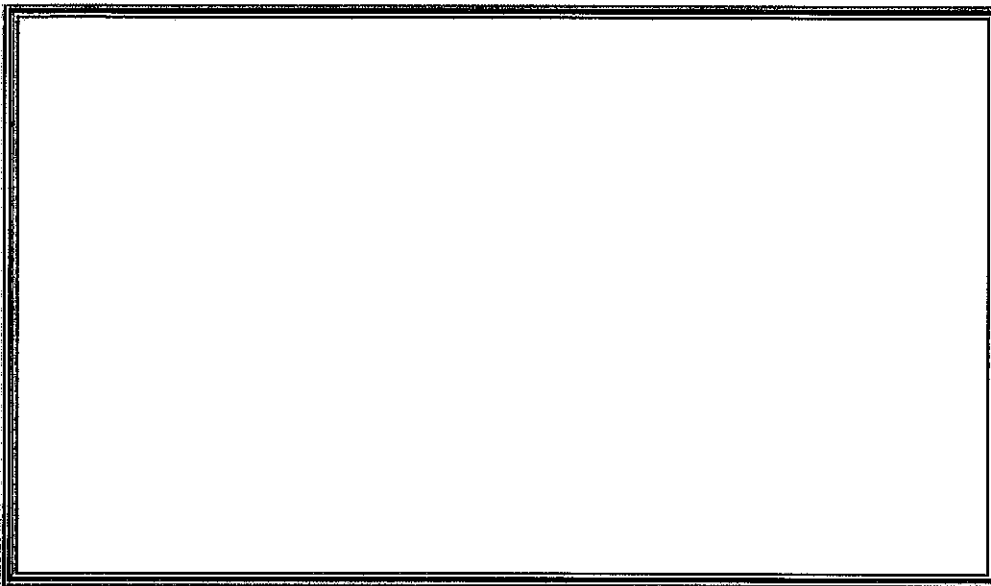
Mother's Day Press

Prose/ess

Breaking News!

May Edition

WORLD'S GREATEST MOM



Pictured above, World's Greatest Mom with her wonderful family.

This just in, a mom named _____ from _____ has just been named the World's Greatest Mom! This _____ mom is loved by her family because she is so _____ and _____. Her favorite child, _____, was quoted as saying, "It is not surprising that Mom won this award because she always _____ with me, and she never, ever _____. I love it when my mom _____. She really deserves this award!"

My Mom's Best of List

Dinner: _____

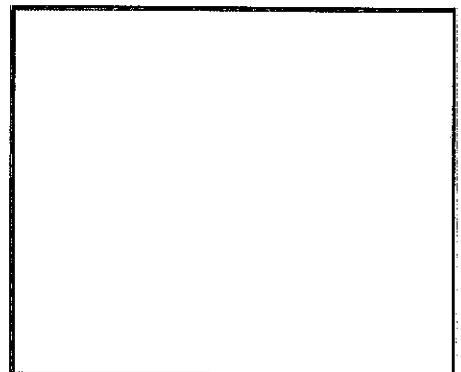
Dessert: _____

Character Traits: _____

Memory with Mom: _____

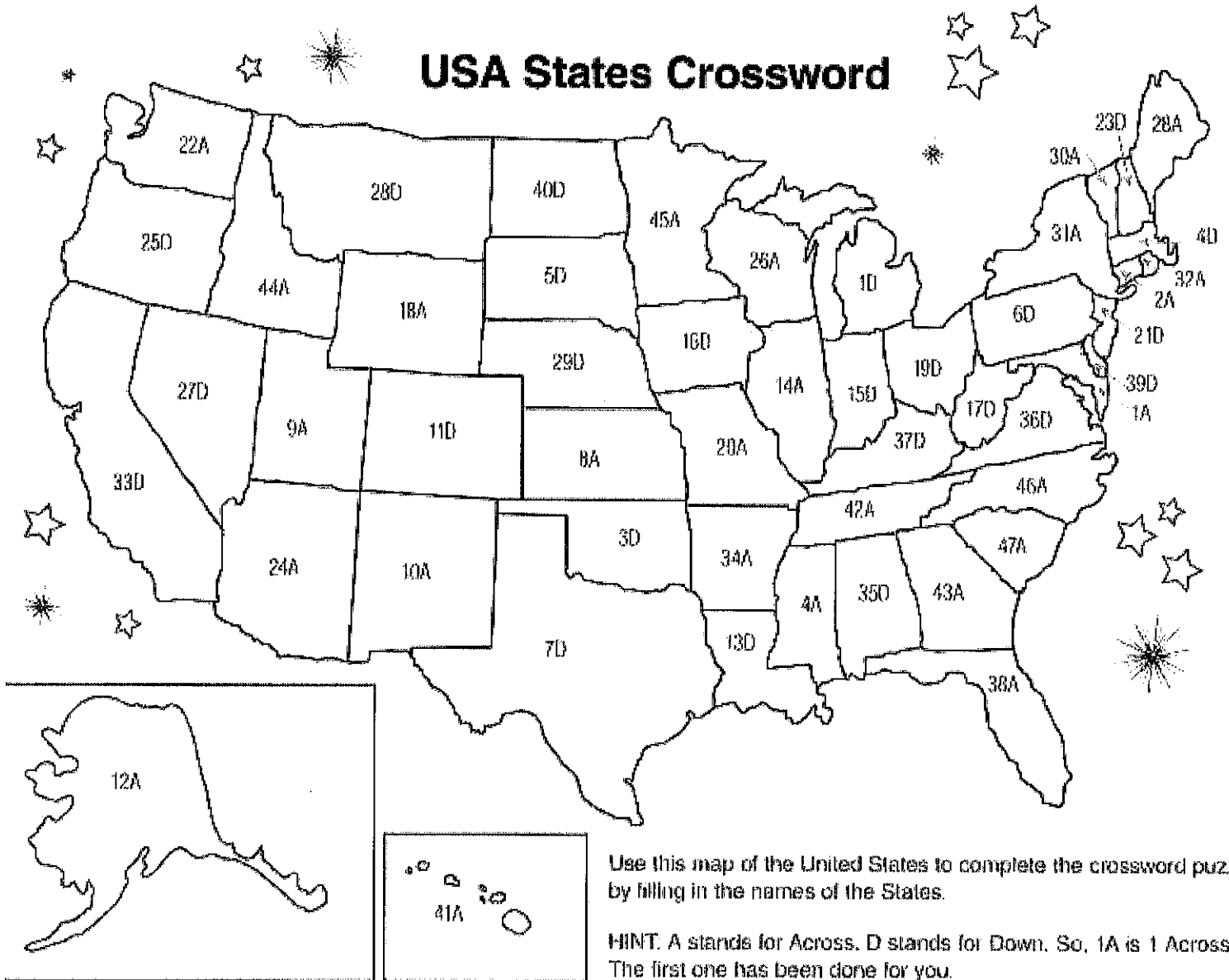
Saying: _____

Lesson She Taught Me: _____



Pictured above is my Mom's _____

USA States Crossword



Use this map of the United States to complete the crossword puzzle by filling in the names of the States.

HINT: A stands for Across, D stands for Down. So, 1A is 1 Across. The first one has been done for you.

USA States

Crossword



M A R Y L A N D

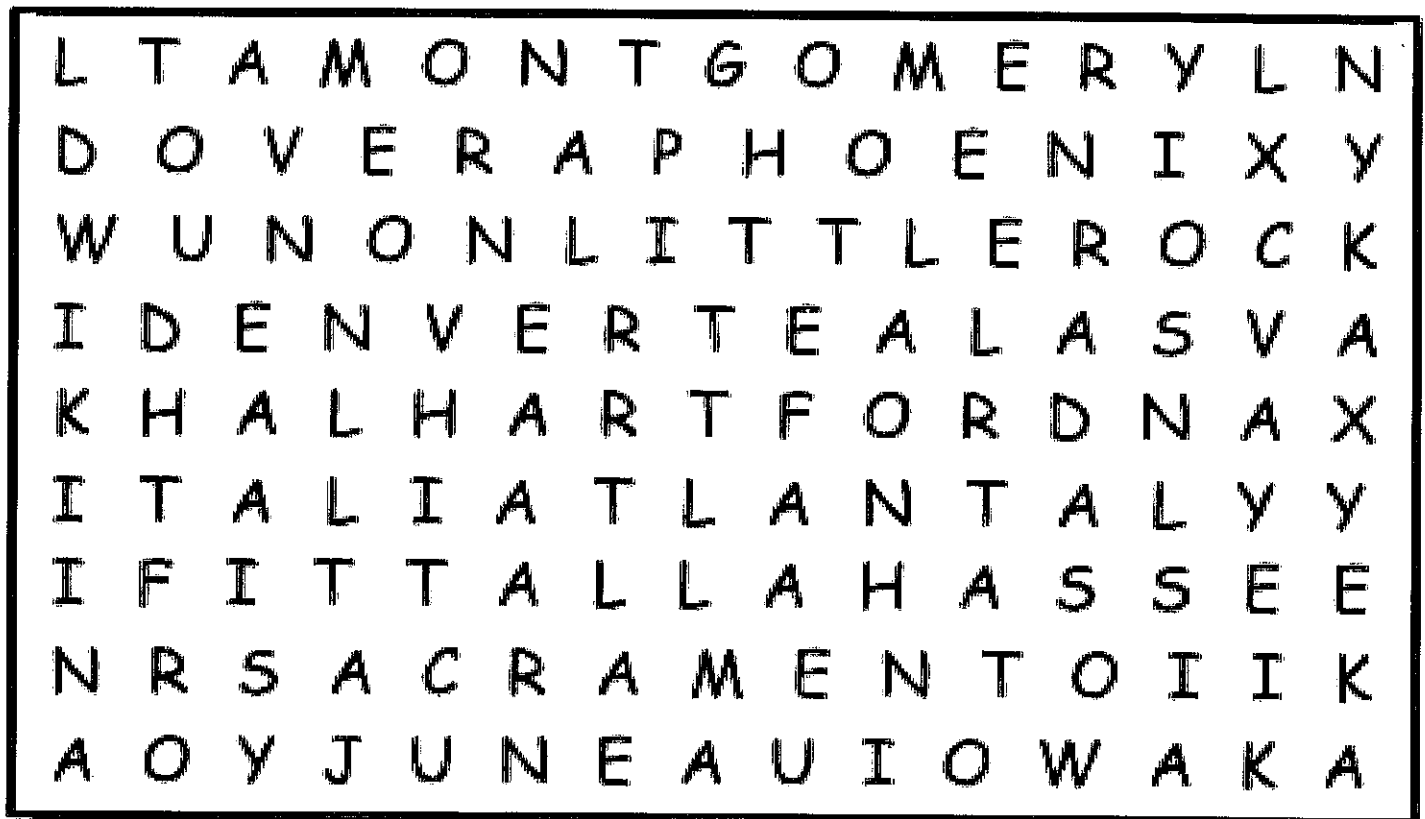
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47

STATE CAPITAL SEARCH 1

There are ten state capitals in this word search.

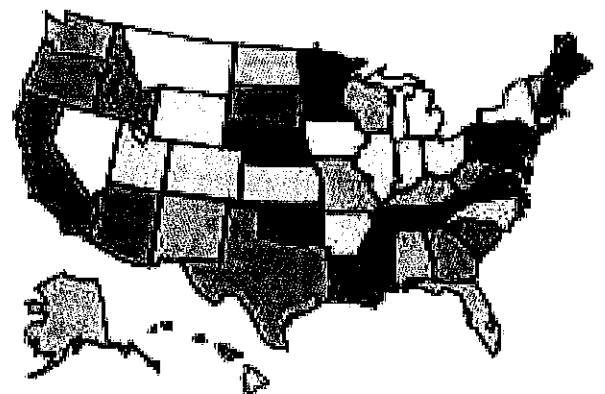
Find and circle as many state capitals as you can.

HINT: Sometimes there are two on one line.



Here are ten state capitals to look for:

- Montgomery
- Juneau
- Sacramento
- Denver
- Little Rock
- Hartford
- Tallahassee
- Atlanta
- Dover
- Phoenix

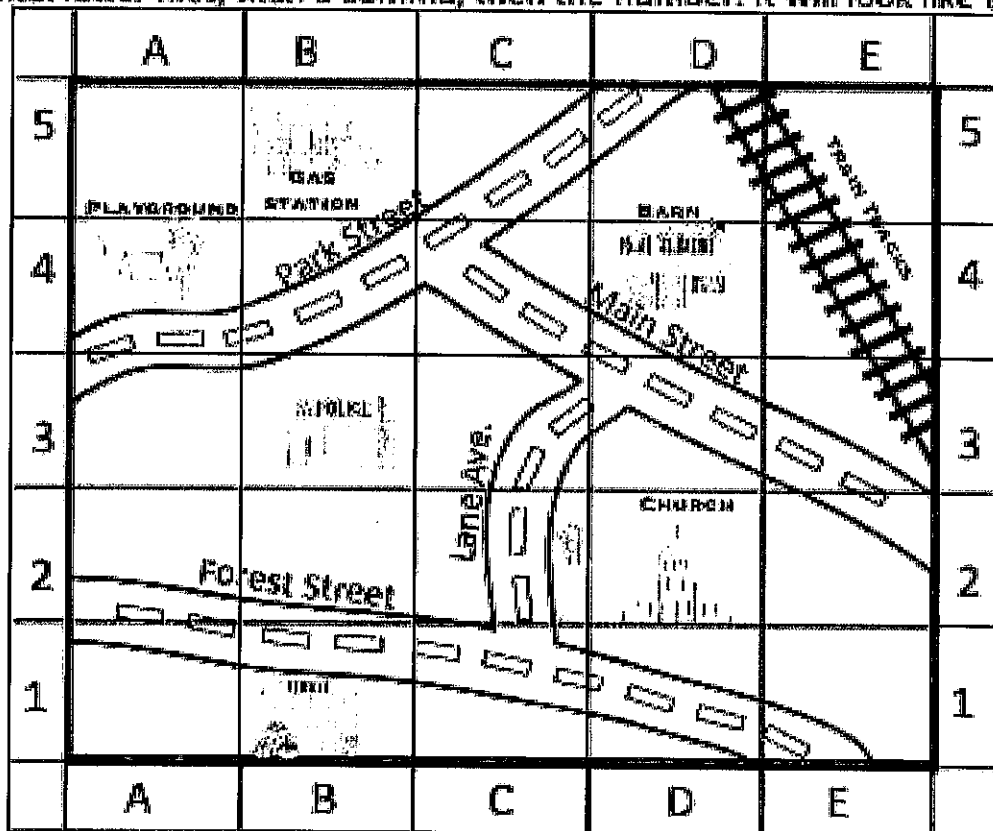


Now draw a dot on the map where each state capital should go.

Using a Map Grid

Name _____

Use the map grid below to answer the questions. Don't forget to put the horizontal letter first, then a comma, then the number. It will look like this: A,3



- Where is the florist located? _____
- In what two grids is Lane Avenue located? _____, and _____
- Where is the gas station located? _____
- Where is the barn located? _____
- What is located at D,2? _____
- What is located at B,3? _____
- Where is the playground located? _____
- What is the only thing located in E,4? _____
- The traffic light is located in _____
- Draw a tree in E,1.

Week of May 11-May 15, 2020
Mr. Anderson
LAST WEEK of REMOTE LEARNING

Please pick 3 out of the 6 activities to do for the week, 3 activities per week. Please take a picture or a short video of your child performing the activity. Along with the video/picture, include the date as well when submitting to my email/phone. Your child may also write a few sentences about the activity if you don't have access or feel comfortable sharing electronically. I'm really excited to see what you are doing. Miss all of you, STAY SAFE.

My email is brian.anderson@oakland5.org, my phone number is 217-218-5420 or submit the written reflection to the homework box located in the Lake Crest foyer.

Class	Choice 1	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6 (Enrichment)
4 th PE	Take a Walk (at least 20 minutes)	Take a bike ride (at least 20 minutes)	DANCE PARTY!!!!!!!!!!!!!! Throw on some of your favorite music and show off your favorite dance moves for 20 minutes	Shoot hoops (inside/outside) Throw the football/baseball/soft ball around with a sibling/parent, etc Bump the volleyball with a sibling/parent, etc Frisbee	15 minute Push-up challenge & 5 minute Body Squat challenge. (As many push-ups/body squats as you can get done in the allotted time. Chart your #'s/sets. Rest when needed. *BEAT COACH ANDERSON'S RECORD (don't judge me, it's been a few weeks) Push-ups = 179 Body Sqts = 114	Any other physical activity that you can think of around the house/garage. (BE CREATIVE) (20 min. minimum) -yard work, basketball, creative ways to weight lift, trampoline, etc. *YouTube is a great resource for finding activities

Week of May 4-15, 2020

4th Grade Art

Mrs. Sweeney

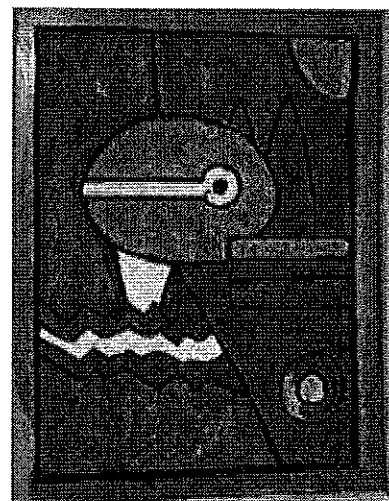
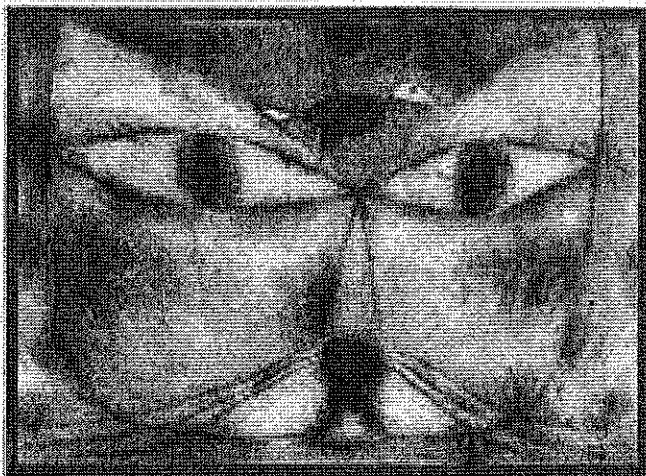
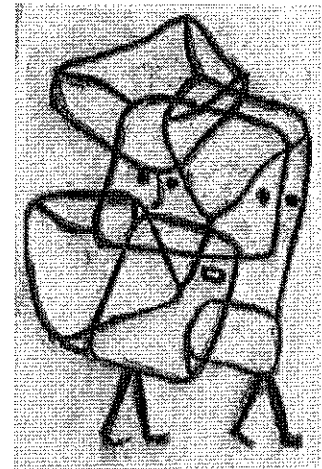
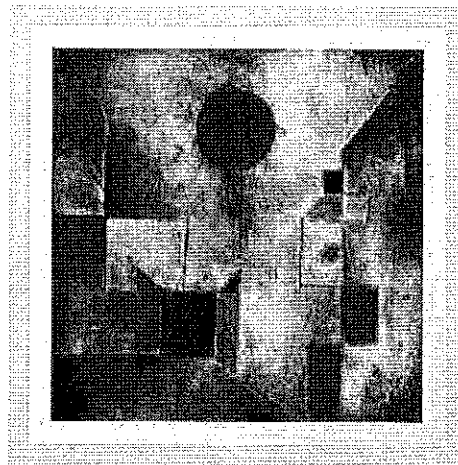
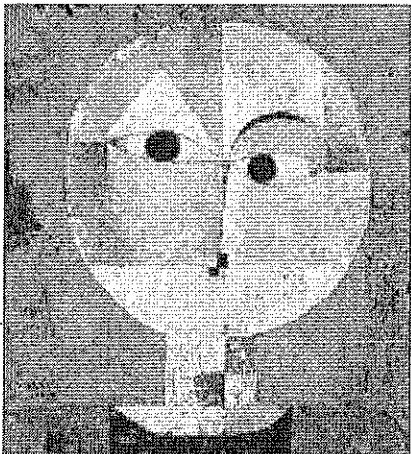
Please pick 1 out of the 3 activities to complete every other week. Please email me a picture of your child completing the activities or submit the activity to the homework box located in the Lake Crest foyer. Some of the art projects require supplies. Please feel free to improvise if you do not have the required supplies, or reach out to me or the office and we will work together to get you what we need. Some basic supplies will be available for pick-up in the Lake Crest foyer.

Please email me at jill.sweeney@oakland5.org or call the school and leave a message, and I will give you a call as soon as I can. My office hours are 8-10 am on Mondays and Wednesday and Tuesdays 10-12. I will be readily available at those times. School office hours: Monday-Thursday 7:30-11:30 and the phone is 217-346-2166.

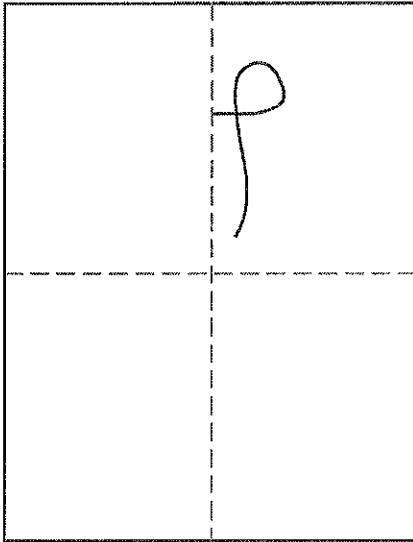
If email submission is not an option, contact Mrs. Sweeney for alternative ways to submit work. Sketchbooks and Still Life Drawings can be placed in the Homework Turn-in box in the Lake Crest Foyer.

Class	Choice 1	Choice 2	Choice 3 (Enrichment)
4th Grade	Paul Klee	Origami Frog	Weaving

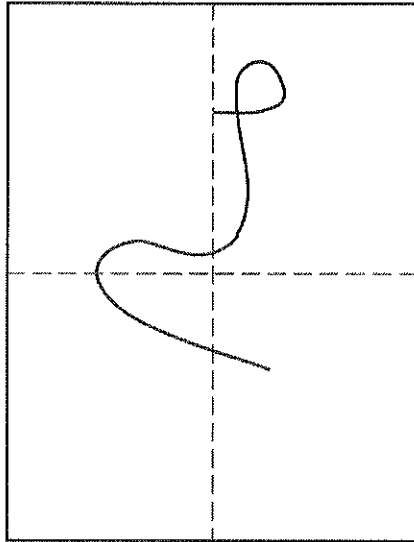
Paul Klee was born in Switzerland and loved both music and art. He especially loved bright colors and a simple way of painting. He painted objects that encouraged people to feel emotions rather than just painting a realistic object. He liked to paint with a few lines as possible. Sometimes the objects or people he painted looked more like colors and shapes rather than the real thing. This is called abstract art.



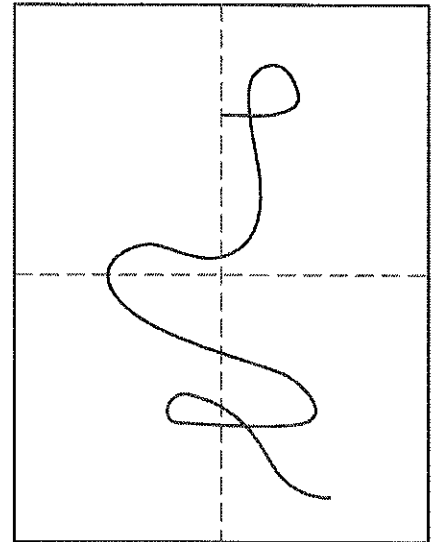
Draw like Paul Klee



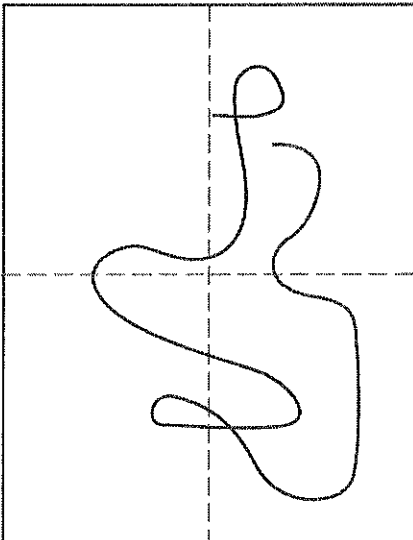
1. Start on center, draw loop for one eye and go down.



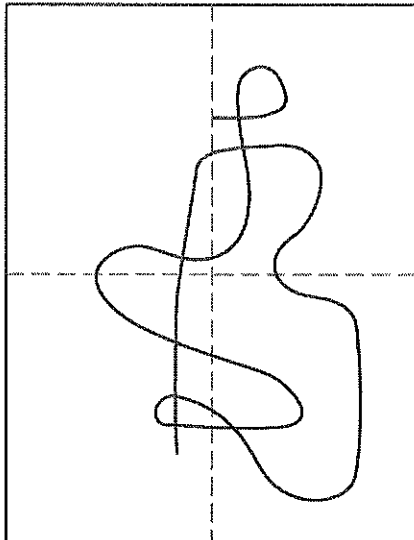
2. Add a curve to the left and go down to the right.



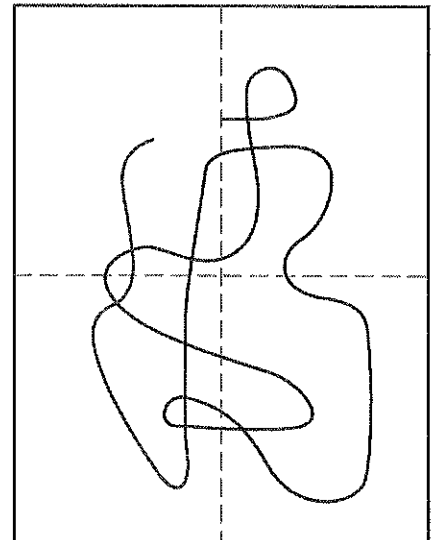
3. Draw to the left, make loop up and down to right.



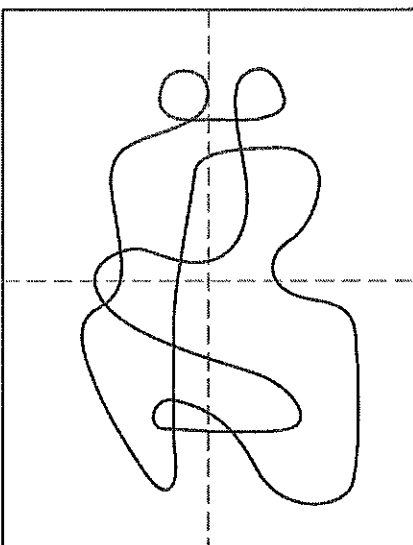
4. Continue the line up, dip to the left, right, then left.



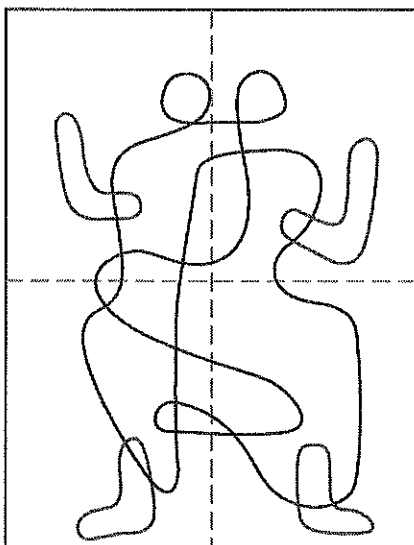
5. Cross over the center, draw down over any other lines.



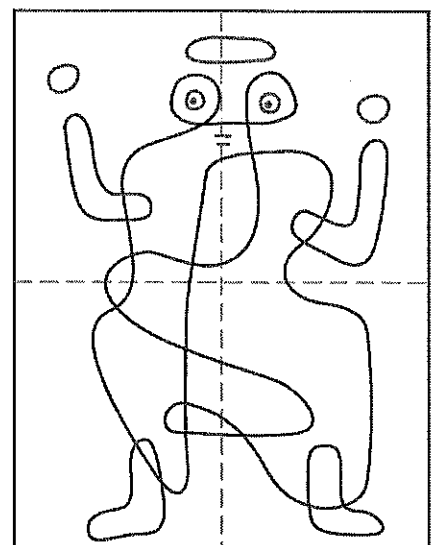
6. Continue line up, wiggle left and right, head towards eye.



7. Make loop for left eye and end where line began.



8. Draw 4 overlapping "L" shapes for arms and legs.



9. Add eyes, mouth and floating circles for hands and hat.

4th Grade/Choice 2/Sweeney
4-15-11

Origami Jumping Frog

More Kinder Crafts

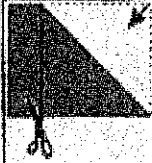
This amazing origami frog really jumps. When you're done making this amazing frog, you can have a frog jumping contest or measure how far you can make your frog jump.

Supplies needed:

- A piece of paper
- Scissors
- Markers or crayons

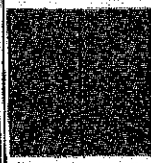


Start by making a square piece of paper. To start making the square, fold one corner of a piece of paper over to the adjacent side.



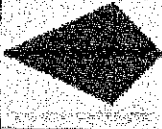
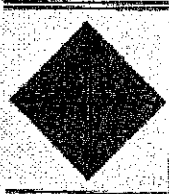
To finish making the square, cut off the small rectangle, forming a square (which is already folded into a triangle).

Open up the triangle into a square. Fold the opposite edges together, then unfold. Repeat using the other edges. Open it up into a square again.

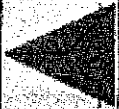


Fold each of the four corners to the center point.

Fold each of the two top edges to the center line.



Fold the triangle at the bottom upwards.



Fold each of the bottom two corners to the middle of the bottom edge.



Fold the bottom portion upwards (along the dotted line).



Fold the top half of the lower rectangle downwards toward yourself. This forms the frog's legs.

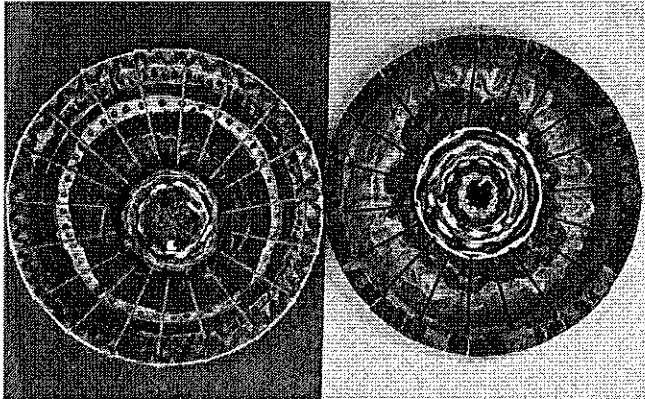


Give your frog a head by folding a small part of the upper point downwards. Draw two eyes, and your frog is done.

To make your frog jump, push down on the "X" and slide your finger away from the frog

Paper Plate Weaving

May 4-15 4th grade/Choice 3/Sweeney



Supplies:

Chinet Plates.

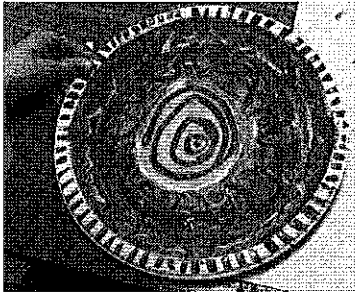
Tempra Paint or markers or crayons

Loom Template.

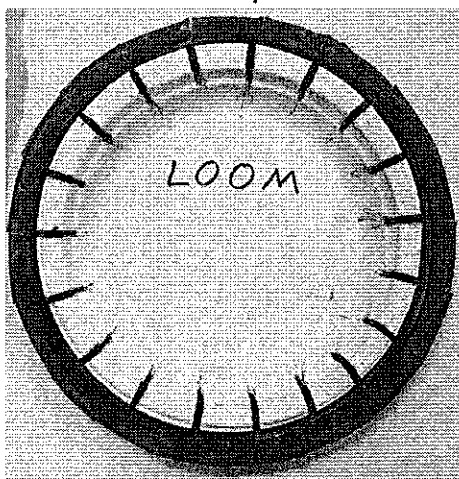
Yarn

Scissors

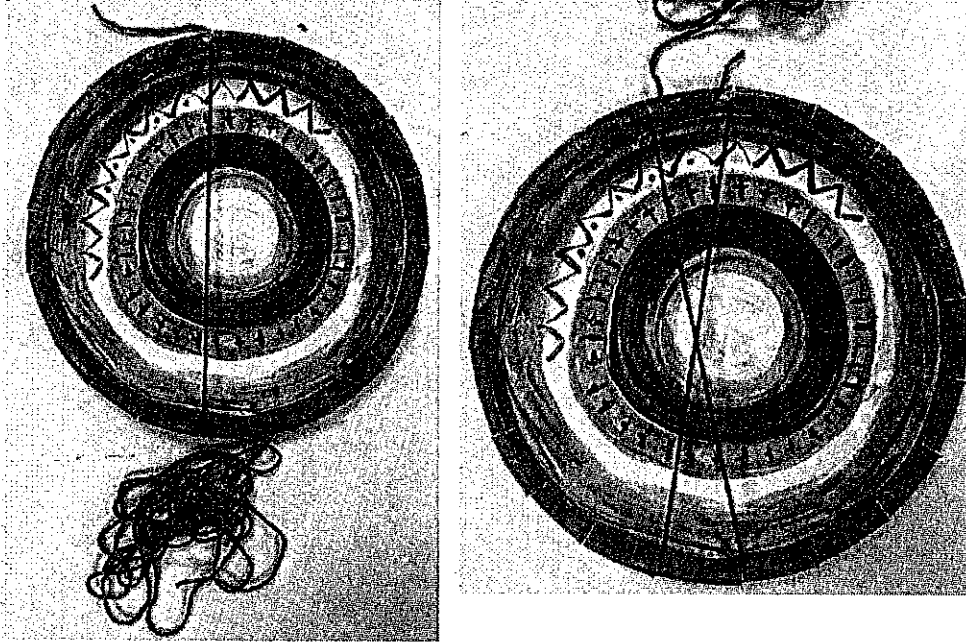
Directions:



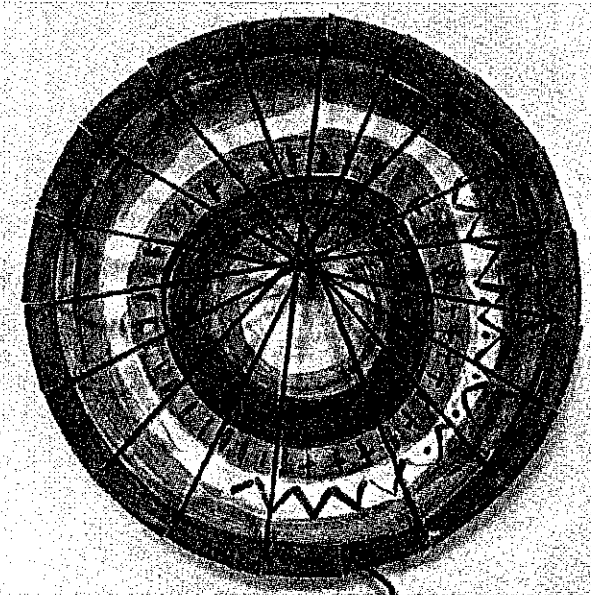
1. Paint your plate with a line/shape design brightly. Cover the entire front of the plate.
2. Cut 19 notches only on the rim of the plate as evenly around as possible as shown.



- Put the tail end of the yarn in any notch. There should be a short tail about the length of your finger in the back while the rest of the yarn hangs loose and free in the front.



The yarn stretches straight across the plate and into the notch. The yarn goes behind the notch and in the notch next to it and again straight across the plate into the notch next to the first one. And so on until all the notches are filled.



Take the tail end that is left of the yarn and begin to weave in the middle of the plate. Over/Under/Over/Under until it is used up.

Take another color of yarn and begin to weave where you left off.

It is not necessary to weave the entire plate, only weave about 4" in diameter so the painted design on the plate can be seen.

For more instruction you may go to:

<https://cassiestephens.blogspot.com/2014/04/in-art-room-circle-loom-weaving-with.html>

Weeks of *May 4-15*, 2020 April Lee

Hello! This will be our final packet for Music this school year. It is with mixed emotions that I send it out to you. I feel sad we didn't get to have our Spring Concert, but I feel glad that Spring is in the air and Summer is just around the corner. Here's wishing you and your families all the best this season and the next!!!

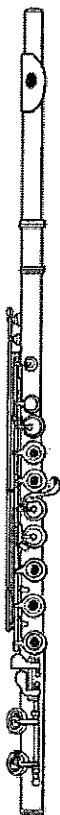
Please don't forget about the Facebook group called Lake Crest Music. I believe I have invited everyone K-5. Each day or so I try to find some activity we can do together. Send me an email or make a comment if you liked a particular activity.

To complete Options #1 students will need a pencil. For Options #2 & #3, crayones will be needed. This work is due May 15.

My "office hours" are from 10:00 a.m. to noon on Mondays, Wednesdays, & Thursdays, but you can email me anytime with questions or concerns at april.lee@oakland5.org.

Class	Choice 1	Choice 2	Choice 3 (Enrichment)
4th Grade Music	Woodwind Family Crossword	Mystery Picture	Color by Note

The Woodwind Family



Flute
(not drawn to scale)



Piccolo
(Not drawn to scale)



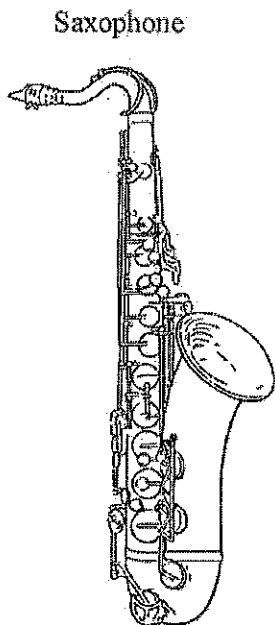
Oboe



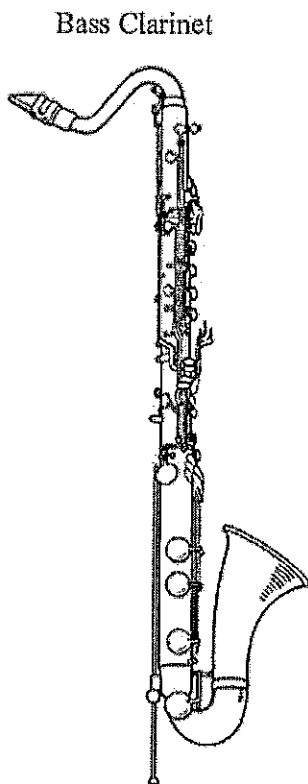
English horn



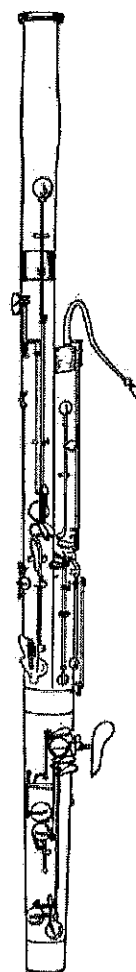
Clarinet



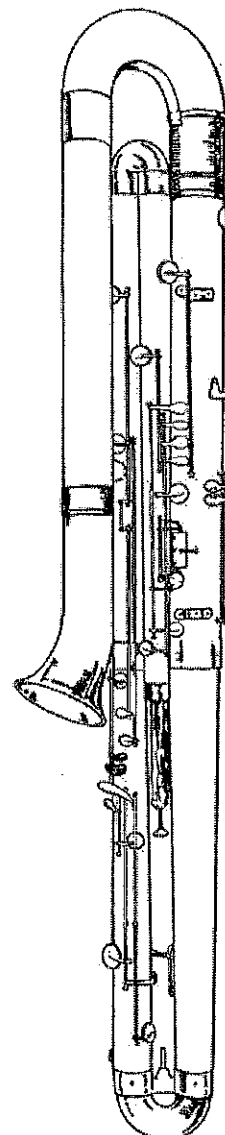
Saxophone



Bass Clarinet



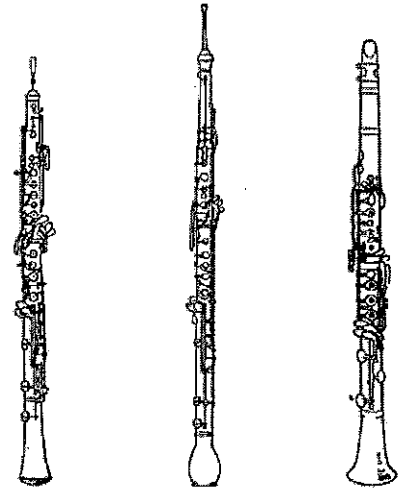
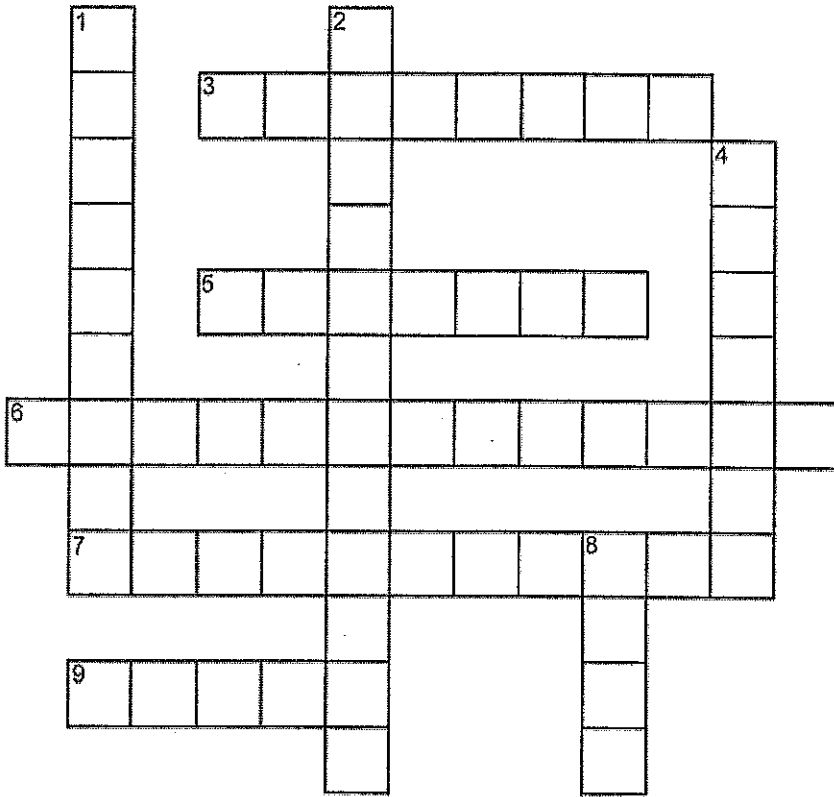
Bassoon



Contrabassoon

The Woodwind Family

Fill in the crossword puzzle using the pictures as clues.



8 down

7 across

3 across

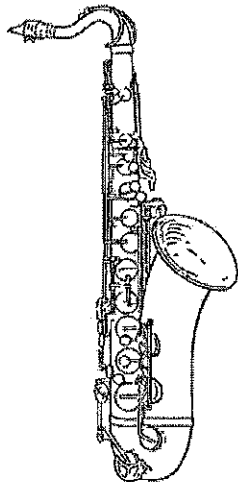


9 across

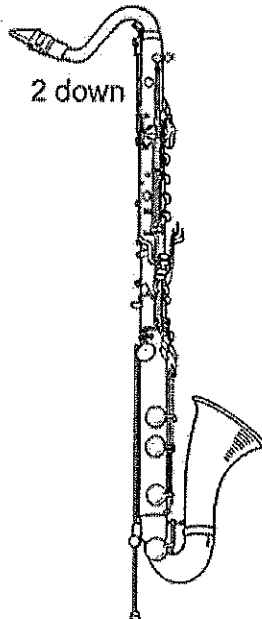


5 across

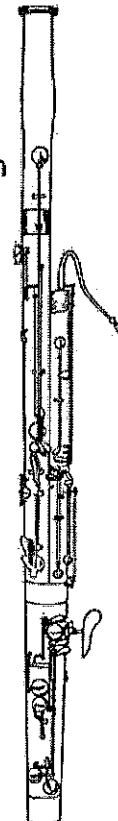
1 down



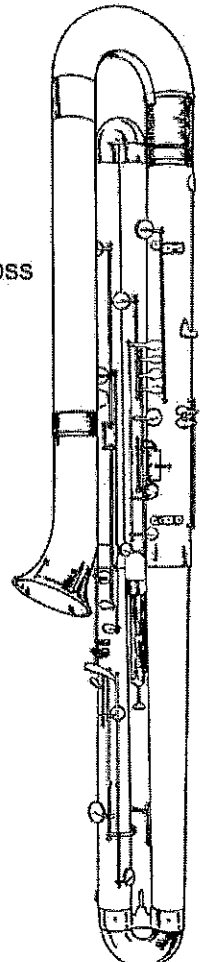
2 down



4 down



6 across



COLOR THE FLOWER PETALS!

NAME: _____

DIRECTIONS: Color the flower petals based on the following color key.

Whole Notes: Blue ○	Half Notes: Pink d	Quarter Notes: Green ↓	Eighth Notes: Red ♪
Whole Rests: Purple ┌─┐	Half Rests: Orange ┌─┐	Quarter Rests: Light Blue ≡	Eighth Rests: Yellow 7

FOR EXTRA PRACTICE, ADD THE DURATIONS IN EACH FLOWER, THEN WRITE THE TOTAL IN THE CENTER!

