

Fine Arts & Science Notes

Weeks 13-18

“And these words which I command you today shall be in your heart. 7 You shall teach them diligently to your children, and shall talk of them when you sit in your house, when you walk by the way, when you lie down, and when you rise up. 8 You shall bind them as a sign on your hand, and they shall be as frontlets between your eyes. 9 You shall write them on the doorposts of your house and on your gates.”

What a calling we have as parents and believers! What a privilege to get to raise our children in light and truth. We are giving them such a rich, rich heritage – it makes me so happy to think of them passing all these things on to their children. What more could a parent possibly want for their children? Ultimately, it does not matter if they remember the Byzantine Empire, types of invertebrates, or the radius of a circle! (Not that the Lord does not delight in their accomplishments – He certainly does!) What truly matters is that they live in the service of the Lord and in communion with Him – that He is glorified and lifted up in all they do. THIS is the goal of a believing parent! What a treasure! I thank the Lord for you who are of the same heart and spirit for our children. Bless you!

****I will post a link to the director that has all the experiments and art lessons posted on YouTube.***

****Half A Hundred Acre Wood has some great print-outs for Great Artists!***

****I will also post a link to the page in Great Artists that I found on Google. It's only the first portion of the book, but it has all the artists that we are studying this cycle so you can print them if you need to.***

****I forgot to tell you that I gave you all 25 muffin liners and popsicle sticks in case you wanted to use them to put glue into to share.***

Week 13

Science: #121 Tilt / #124 Splitter

Demonstration

Demonstrate the effect of the Earth's tilt on seasons

Determine how ice can split rocks

-Note: Bring flashlight (you may draw the earth on the ball if you wish)

- You may also bring a globe ☺
- You will be placing containers for #124 in the large freezer in the kitchen (take the class with you!)

Fine Arts: Giotto, pg. 12

Egg Paint

-Note: (I would thin out the wash with a couple more teaspoons of water to make it go farther)

- Bring separated egg(s) – you will need anywhere from 3-6 depending on the colors and number of students you have
- Bring muffin tin/plastic egg carton to mix and hold chalk paint
- Have parent bring cup or jar of water if you don't have access to any in your class
- Grind chalk ahead of time (rolling pin works well), but save one to demonstrate in class if possible
- Chalk needs to be a dust – the finer, the better!
- Place 2 or more paintbrushes/color and tell kids to keep brushes with their colors. This will eliminate the need for jars of water to wash their brushes between colors.

Week 14

Science: #125 Spoon-Pen / #126 Sampler / #127 Sinkers (Wk.15)

Demonstrate Core Sampling

Demonstrate how placer ore deposits

****Begin with #127 – Sinkers – so that soil will have time to settle while you are doing #126***

-Note: #125 -Because we will be going over mineral testing the last 6 weeks, we will not be doing experiment #125

We will instead do #127 from Wk. 15 to allow more time for the prints next week

-Note : #126 –

- Flatten and layer 3 colors playdoh so that each student is able to get a “core sample” with their straw.
- Older students and parents can blow out the sample (or use fingernail scissors to cut straw open)
- Collect core samples as we will need the playdoh next week (it doesn’t matter if it’s mixed together)

-Note: #127 –

- Bring your mason jar & 1 cup of soil (I think I would only use 1/2 -3/4 cup of soil, but it’s up to you)

****Don’t forget to check on last week’s experiment in the freezer!***

(Wk. 14 Cont.)

Fine Arts: Ghiberti, pg. 14

Florentine Relief

-Note: Do Fine Arts after New Grammar to give paint time to dry

- Think of having design ideas ready for the kids to copy (but they can create their own)
- We will be using air-dry clay for our shapes and will spray with gold paint after they are covered with the foil.
- Have a parent bring them out to spray outside (I will have station set up)

****Remind parents we will be painting next week with acrylic***

Week 15

Science: #128 Prints (#127 Sinkers is being moved to Wk. 14)

Experiment

Determine how fossils were preserved

-Note: #128 – **DO NOT PUT PLASTER DOWN SINK!** Any leftovers go in the trash – it will clog the sink.

- If you choose to make a large batch of plaster ahead of time, make sure it is in an airtight container
- Also, please bring dry plaster to demonstrate how you are mixing the ingredients in class.
- You only need a thin layer of Vaseline on the shell for the imprint
- Molds take about 10 minutes to dry depending on size, wait until end of class (take a few minutes from end of review)
- Ask a parent to try to wipe Vaseline off playdoh so we can re-use it later

Fine Arts: Angelico, pg. 16

Painting with Silver Leaf (Gold Paint)

-Note: We will be using gold paint instead of foil.

Angelico used gold leaf to highlight his paintings. The gold was used in the halos around people in his paintings to represent inner goodness shining out. You can choose to find a template with halos, or allow students to use “gold leaf” in another creative manner (dragon scales, etc.)

- You can choose to use the black construction paper with paint (as in the book), or the white watercolor paper.
- Students should **highlight** their paintings with gold paint – not meant to be used as the main color.

****Remind parents we will be painting next week***

Week 16

Science: #130 Stretch / #132 Spurt

Demonstrations

Demonstrate the effect of a tension force.

Demonstrate what causes magma (liquid rock) to move.

-Note: #130

- Have your sharpie handy!
- These demonstrations have to do with earthquakes and magma. Cross-section pictures of the earth would be a very handy visual to explain what is happening inside the layers of the earth. (Just a thought)

-Note: #132

- Remember that you will be sharing toothpaste with your tutor buddy (or bring another one from home).

(Wk. 16 Cont.)

Fine Arts: Durer, pg. 22

Wood Block Print (Foam Print)

-Note: Due to the expense of wood, we will be using foam plates instead to make our prints. Each child will have a 4"x6" foam piece to print into. They can use a ball point pen, or other blunt instrument to engrave into the foam. You will then use black acrylic paint and gently and evenly brush a thin coat of paint on the engraving. Then take your cardstock and place the plate on top of it and rub with fingers to transfer the paint. I think that it would be fun to then mount these onto colored construction paper to make bookmarks, but you can do whatever you want!

- Bring foam plates & paint brushes
- You will sending a parent to get your paint from the kitchen – just a little, you don't need a lot.

****Remind parents we will be painting next week***

****Might be a good idea to test out a kid after class and see where/how to attach paper for next week's lesson***

Week 17

Science: #137 Shake Up / #138 Rock Bridge

Demonstrations

To determine the effect of motion on weathering.

To demonstrate how natural bridges stand.

-Note: #137

- Use both your mason jar AND your container from week 13, or another mason jar from home – just be sure to use the same amount of water in each container

-Note: #138

- Will be a community demonstration – we will be asking one of the dads to do this in the main sanctuary, right after morning assembly.

Fine Arts: Michelangelo, pg.25

Lie-Down Painting

-Note: Start Fine Arts after New Grammar to give paint time to dry

- I will bring large sheets to lay on the ground for those painting
- Tape paper to bottom of child's seat or table ahead of class time
- Have 2 or 3 students share paints (either acrylic or watercolor), or have littles use markers instead of paint
- You could even use a template for painting, or a template to have the littles trace instead of painting

Week 18

Science: #139 Tip / #140 Push Up

Demonstration

To determine if air has weight.

To demonstrate the strength of atmospheric pressure.

-Note: #139

- Use dowel in kit or bring a yardstick if you prefer
- The tape around your straight pin can also be used to place on the balloon. You can also use the scotch tape in your kit from the beginning of the year for the balloon.

-Note : #140

- Bring large bowl and use plastic cup in kit (I tested it, the plastic cups do not collapse – they work)
- Let each kid take a turn trying the experiment

Fine Arts: El Greco, pg. 26

Drawing Tall Figures

-Note: Bring in magazine cut-outs of people, or print out pictures online

- Bring your tracing paper
- Use computer paper to glue strips of your elongated person to