

Fine Arts & Science Notes

Week 1

Science: #2 Shaded / #17 Same Place

Purposes:

- Demonstrate how a planet's surface temperature can vary.
- Determine why satellites appear to be stationary.
- Note #2: Place thermometers with your kids after morning assembly on your way to class.
- Note #17: Tip - Tape a picture of the sun and a satellite to your two volunteers.

Fine Arts: OilS!

Foundations Guide – pg. 153

-Note: Choose worksheet from community website or choose your own

Week 2

Science: #24 Mirage / #26 Distortion

Purposes:

- Determine why the Sun's image is seen before the sunrise and after the sunset.
- Determine how the atmosphere affects the viewed shape of the Sun.
- Note #24: Use a solid and NOT a clear bowl. Have students stand back so they can only see the edge of the penny in the bowl. Use a tiny piece of clay so that it doesn't "peek" out from under the penny.
- Note #26: We will be using straws and clear glasses in place of magnifying glasses and circles. Bring a clear glass from home (should be shorter than the straw)

Fine Arts: Mirror Images

Foundations Guide – pg. 153

-Note: Choose worksheet from community website or choose your own

Week 3

Science: #9 See Through

Purposes:

- Determine how Saturn can be seen through its rings.
- Note: Glue strips the night before so that they are dry. Have hole already poked through strips as this takes a little time. Draw lines during class.

Fine Arts: Upside-Down Image

Foundations Guide – pg. 153-154

-Note: Choose worksheet from community website or choose your own

Week 4

Science: #11 On The Move / #12 Speedy

Purposes:

- Determine why planets continue to move
- Determine the effect of distance on the orbiting speed of planets

-Note #11: Have construction paper already cut to fit pan.

-Note #12: The yellow glove is intended to represent the sun. Wear it while spinning the washer around. You have two sizes of washers to choose from. The larger one will be easier to see from a distance.

Fine Arts: Abstract Art

Foundations Guide – pg. 154

-Note: Choose worksheet from community website or choose your own

Week 5

Science: #13 Expanding / #14 Balancing Point

Purposes:

- Demonstrate how galaxies may be moving.
- Demonstrate the position of the Earth's barycenter.

-Note #13: You will not need a mirror for this demonstration. It might be nice to have each kid put a couple dots on your balloon for you. Then they are more involved.

-Note #14: One "strip" of clay worked well for the "lemon-sized" piece they ask for in the experiment.

Fine Arts: Perspective

Foundations Guide – pg. 154

-Note: Choose worksheet from community website or choose your own

Week 6

Science: #4 Thick

Purposes:

- Determine why Venus' atmosphere is so hard to see through

-Note: Bring flash lights from home (ask parents to bring one). If you have more than one flashlight, kids can break up into groups and each have a turn. Bring enough pieces of wax paper.

Fine Arts: Final Project

Foundations Guide – pg. 154

-Note: Choose worksheet from community website or choose your own