Miss Britney’s Learning at Home Activity

Rain Painting

How to Make

MATERIALS:

- White crayon
- White paper
- Blue/purple watercolors
- Paint brush
- Water cup

DIRECTIONS:

1. Ask your grown up if they will help you find the materials above.
2. Use the white crayon to draw rain drops, clouds, and possibly letters on your white paper.
3. Now use your paint brush, water cup, and blue/purple watercolor to paint over the white crayon.
4. The white crayon will show up because the crayon wax does not mix with the paint.
5. You may create as many Rain Paintings and add fun designs to the white paper to create different scenes.
Ms. Valerie's Learning at Home Activity

Make a Rain Gauge

How to Make

MATERIALS:

- Plastic bottle with smooth sides
- Permanent marker
- Scissors
- Ruler
- Sand to fill the bottom section of the bottle or dirt or even water
- Colored masking or duck tape (optional)

DIRECTIONS:

1. With a grownup's help, cut the top section off the plastic bottle.
2. Use the ruler and marker to make one-inch marks on a piece of tape (or even on the side of the bottle if you don't have colored tape.
   *Hint: start with a zero mark as a starting point.*
3. Put sand (or dirt or even water) in the bottom section of the bottle to improve the accuracy of the measurement. The bottom is typically shaped and uneven.
4. Place the tape on the side of the bottle, starting with the zero mark at the top of the sand level.
5. Invert the top section of the bottle into the bottom section. You may be able to get it to fit tightly or you may have to use a little piece of tape to secure it. This works as a funnel for the water.
6. Place your rain gauge outside to measure how much rain there is on a rainy day.
   *Hint: Secure your rain gauge between some rocks or potted plants so it won't tip or blow over.*

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Miss Debbie’s Learning at Home Activity
Making a Rain Gauge

Related Science Lesson Airs April 21, 2021 on WQLN PBS

How to Make

Materials:

- Plastic bottle or glass jar
- Scissors
- Tape
- Ruler
- Marker
- Pebbles/small rocks

Directions:

- If using a plastic bottle, have an adult cut off the top of the bottle.
- Fill the bottom with a few small rocks, so it doesn’t tip over outside.
- Add some water to it, to make a base line with which to begin your measuring guide. You will need to check the water level before each rain, in case any water has evaporated.
- If needed, add a little bit of water to the bottle before each rain, to bring the water level up to 0.
- Flip the lid over and push it upside down into the bottle opening, like a funnel. Then tape it securely in place.

**If you are using a glass jar, you can skip all the above steps.

- Use a ruler and a permanent marker to mark every half inch on the bottle or glass jar. Remember to start 0 at your water line, if you used a plastic bottle and added water.
- Place the gauge outside, up off the ground, away from the house and not under any trees. This will help ensure only rainwater straight from the sky enters, and you get more accurate readings.

Enjoy checking your rain gauge after each rain!

Missed the lesson on WQLN PBS? Find this and other lessons at wqln.org/learningathome
Ms. Heather’s Learning at Home Activity
Rain Cloud Gravity Art

Related Social Studies Airs April 22, 2021 on WQLN PBS

How to Make

MATERIALS:

- Liquid watercolors
- Cotton balls
- School glue
- Water
- Tray
- Eye droppers (if you have them)
- Cardstock paper

*Using thick paper withstands water better*

DIRECTIONS:

1. Have your child glue cotton balls to their paper to make clouds.
2. Mix water and liquid watercolors together to make the paint.

*I love liquid watercolors because they wash off easier than food coloring, but if all you have is food coloring it should work just fine.*

3. Drip paint below the cotton ball clouds, squirt onto the paper instead of into the cotton ball because the cotton ball absorbs the paint
4. Tilt paper to have paint drip down paper to look like rain
5. Allow to dry and enjoy your artwork. You are an artist!

Missed the lesson on WQLN PBS? Find this and other lessons at wqln.org/learningathome
Miss Julie’s Learning at Home Activity
Making a home-made rain gauge

How to Make

MATERIALS:

- A Plastic Water Bottle – any size
- A Ruler
- A Permanent Marker
- A Stick

DIRECTIONS:

1. Have the adult in the house cut the top of the bottle off so the opening is the same size as the bottom of the bottle.
2. Measure to the 1-inch mark from the bottom with the ruler and mark the bottle with the permanent marker. Add a line and the number 1.
3. Do the same for 2, 3, 4-inches and so on until you have reached the top of the bottle.
4. Tape a stick onto the bottle so that it can be pushed into the ground in a wide-open area to gather the rain.
5. Have fun measuring a rainy day!!

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