Can you breathe in and hold your breath until the count of 5? What can you blow? Blow through a straw to make a cotton ball go into the center of a target.

15 minutes roll, calendar, weather, today's schedule/topic See lesson 1.

# 15 minutes Scripture story:

Gen. 1:6-8

(Read from the Bible, showing <u>Creation Days</u> booklet pages)

"And God said, Let there be a firmament [sky, atmosphere] in the midst of [between] the waters, and let it divide the waters [below the sky] from the waters [in the clouds above].

"And God made the firmament, and divided the waters which were under the firmament [sky] from the waters which were above the firmament [sky]: and it was so.

"And God called the firmament Heaven. And the evening and the morning were the second day."

Have children make Creation Days booklet page 5.

# 5 minutes Song:

"God's Love"

(1st line: We do not see the wind—Children's Songbook, p. 97) Illustrations such as those on a following page can be drawn larger for the children to see as you sing.

#### 15 minutes Art:

Develop an "eye" for observation/imagination: go out and look for shapes in the clouds (or look at cloud pictures and ask what they remind the children of—following page, or from magazines).

#### 5 minutes Movement:

Stop and Go (Red Light, Green Light)

# 15 minutes free play:

balloon volley (try to keep the balloons from touching the ground!)

#### 10 minutes Math:

Cracker shapes, or, cut bread and/or cheese into shapes: (use a circle to cut a crescent, use a diamond or a square to cut 2 triangles; use a diamond for a hexagon—cut off the two sharper ends; use a square to cut an octagon by cutting off all 4 corners, use a star to cut a pentagon, by cutting off the points). Use crackers or bread or cheese shapes for snack.

#### Snack while reading book(s):

Different shapes of crackers., bread, and/or cheese—such as square, circle, oval, triangle, hexagon . . .

Date Lesson 5

Topic: air, clouds

**Skill:** controlled breathing

Roll, calendar, weather, today's schedule/topic

# Scripture story:

Creation of the sky Genesis 1:6-8 Page 5 of booklet

Song: "God's Love"

Art: Observe cloud shapes

**Movement:** Stop and Go

Play: Balloons

#### Math:

Cracker/bread/cheese shapes

#### Snack:

Cracker/bread/cheese shapes

#### Book(s):

It Looked Like Spilt Milk

# Science Activity:

condensation

#### Free play

#### Materials:

Creation Days p. 5
Balloons, straws, target
Cotton balls
(cloud pictures?)
White paper
Song illustrations
Book about clouds
Or states of water

Or states of water
Boiling water, bowl of ice
Cracker shapes, or—
Bread, cheese, knife,
Cookie cutters

# 5 minutes Book(s):

It Looked Like Spilt Milk by Charles G. Shaw

#### 10 minutes Science demonstration:

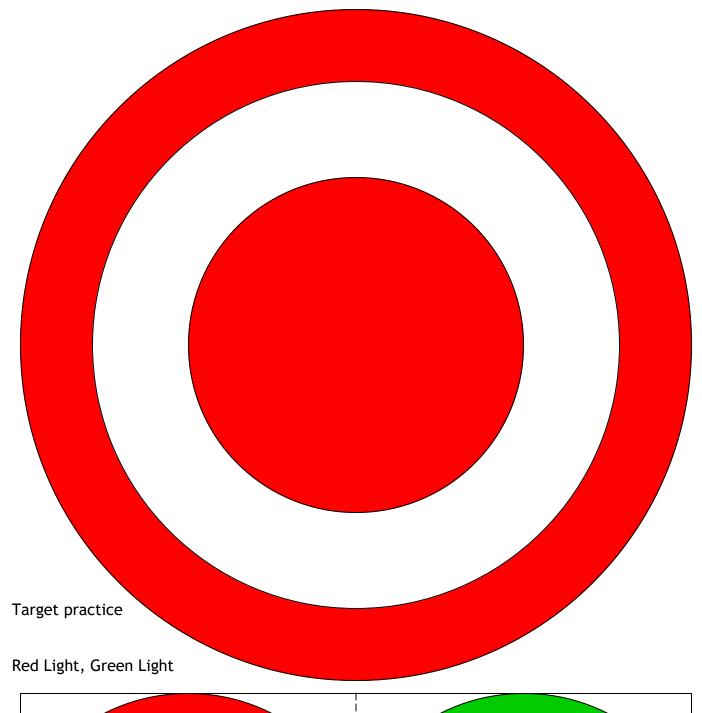
Notice the "clouds" that spill out of the freezer when you open it. Clouds, as well as steam, are made of tiny droplets of water. Place a safe container of ice over a pot of boiling water (removed from heat); watch as drops form on the bottom and get big enough to "rain" (it's called condensation; a cold pitcher from the frig will also condense water from the air, but it's not as obvious where the water came from)

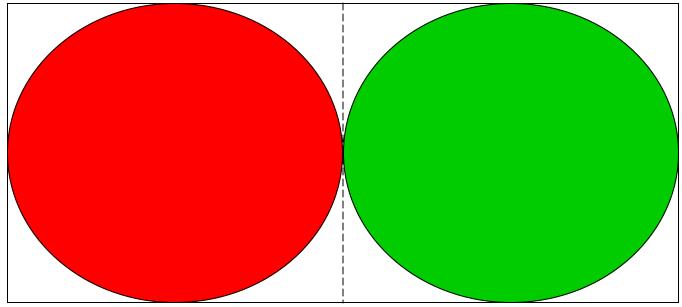
# 15 minutes free play:

Creation Days booklet, page 4
Use a light blue sheet of paper as the page,
cut and paste white paper clouds at the top
(clouds may have shapes, like a hat, a car, etc.),
and a dark blue sea (with waved surface) at the bottom;
add words

"And God made the firmament [sky], and divided the waters which were under [the sky]... from the waters which were [in the clouds] above...

And the evening and the morning were the second day."



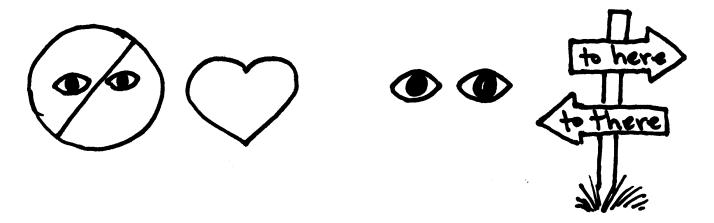


Fold—opt. glue a stick handle inside

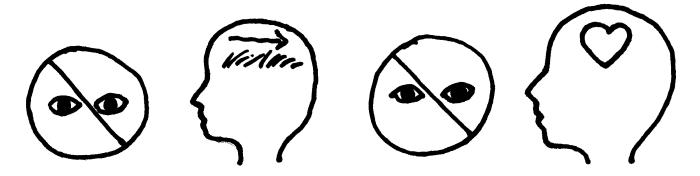
"God's Love" (1st line: We do not see the wind—Children's Songbook, p. 97)



We do not see the wind; We only hear it sigh. It makes the grasses bend Whenever it goes by.



We do not see God's love, But in our hearts we know, He watches over us Wherever we may go.



We do not have to see To know the wind is here;

We do not have to see To know God's love is near.

Similar cloud shapes might be glued onto light blue paper for the children to guess /speculate/imagine the shapes.



Wind toys outdoors or in front of a fan—such as spinners, streamers, pinwheels, etc.

15 minutes roll, calendar, weather, today's schedule/topic See lesson 1.

# 15 minutes Scripture story:

Flannel board review—use a large piece of black felt for the "heavens"/sky. Before class: Cut small yellow or white felt stars to put in the "heavens". Use the object previously used for page 2 as a pattern to cut a felt earth of dark blue flannel. Use a piece of yellow flannel half as large as the black for the light divided from the dark. Use the clouds from lesson 5 as patterns for white felt clouds to put around the earth, representing the atmosphere/sky. In class: Lay out the black felt. Give the other felt pieces to the children (you may keep the yellow "light" piece to add yourself). As you read or retell the story, have the children add their pieces onto the black flannel piece (lift up the earth to put the "light" divided from the dark, and place the earth back down half in the light, half in the dark).

#### 5 minutes Song:

"He's Got the Whole World in His Hands"

Adapted from www.kididdles.com

(Everyone put arms in circle for "world", cup hands for "hands")

He's got the whole world in His hands,

He's got the whole world in His hands,

He's got the whole world in His hands,

He's got the whole world in His hands.

(give each child a cut-out to hold up at appropriate time)

He's got the sun and the rain in His hands,

He's got the moon and the stars in His hands,

He's got the wind and the clouds in His hands,

He's got the whole world in His hands.

(point to "you" and "me", "brother", "sister", "everyone")

He's got you and me, brother, in His hands,

He's got you and me, sister, in His hands,

He's got you and me, everyone, in His hands,

He's got the whole world in His hands.

"Down in the Valley" (use actions; lower voice for "low")

Down in the valley, the valley so low(right, then left hand go down)

Hang your head over, hear the wind blow.(hang head, cup ear)

Hear the wind blow, dear, hear the wind blow,(cup right, left ear)

Down in the valley, the valley so low.

#### 15 minutes Art:

blow paint or Koolaid through a straw to make a cool picture Koolaid paint: 1 pkg. Koolaid, 1/2 cup water, 1/4 cup sugar (very stainy—take precautions!) (keep Koolaid paint for making popsicles for day 7) Date Lesson 6

**Topic:** air, gases **Skill:** wind toys

Roll, calendar, weather, today's schedule/topic

Scripture story: Review

# Song:

"He's Got the Whole World in His Hands", or "Down in the Valley"

Art: straw painting

#### Movement:

popcorn & pretzels

Play: bubbles

Snack: popcorn & soda pop

#### Book(s):

Water as a Gas

#### **Science Activity:**

Gases, air

#### Free play

Math: Bubble math

#### Materials:

Wind toys, fan if needed Flannel: black, yellow, white, dark blue

Sun, rain, moon, star, wind, cloud, world cut-outs Koolaid paint recipe left

Or watercolor paint

Bubbles,, paper

Hot air popper, popcorn

Ice shapes

Cold and warm soda pop (2 liter clear bottles)

Book about air, gases Zip baggie, balloons Beach/inflatable ball, etc.

#### 5 minutes Movement:

Popcorn & Pretzels—when the leader says "popcorn", jump around like popcorn popping; when the leader says "pretzels", stand still with your arms folded like a pretzel.

15 minutes free play: Bubbles

# Snack while reading book(s):

Pop popcorn in hot air popper for the children to see.

Put ice shapes in the children's cups (let them choose their shape of ice)—ice is solid water. Open and pour cold and warm soda—emphasize the gas/air bubbles (which stay in the cold liquid pop better than in the warm liquid pop).

Keep soda pop bottles for vortex! Lesson 8.

# 5 minutes Book(s):

Read or talk about this book, or another similar.

Water As a Gas by Helen Frost

# 10 minutes Science Activity:

Air and wind activities-

Blow air into a baggie and zip it shut. It looks empty, but resists pressure.

Blow up and tie a balloon. Squeeze it so that the air expands one end and another.

Blow up a balloon but don't tie it—let the air squeak out as you stretch the neck sideways.

Blow up a balloon and let it go flying (or make a balloon rocket\*).

Note how a ball full of air bounces better than a deflated one.

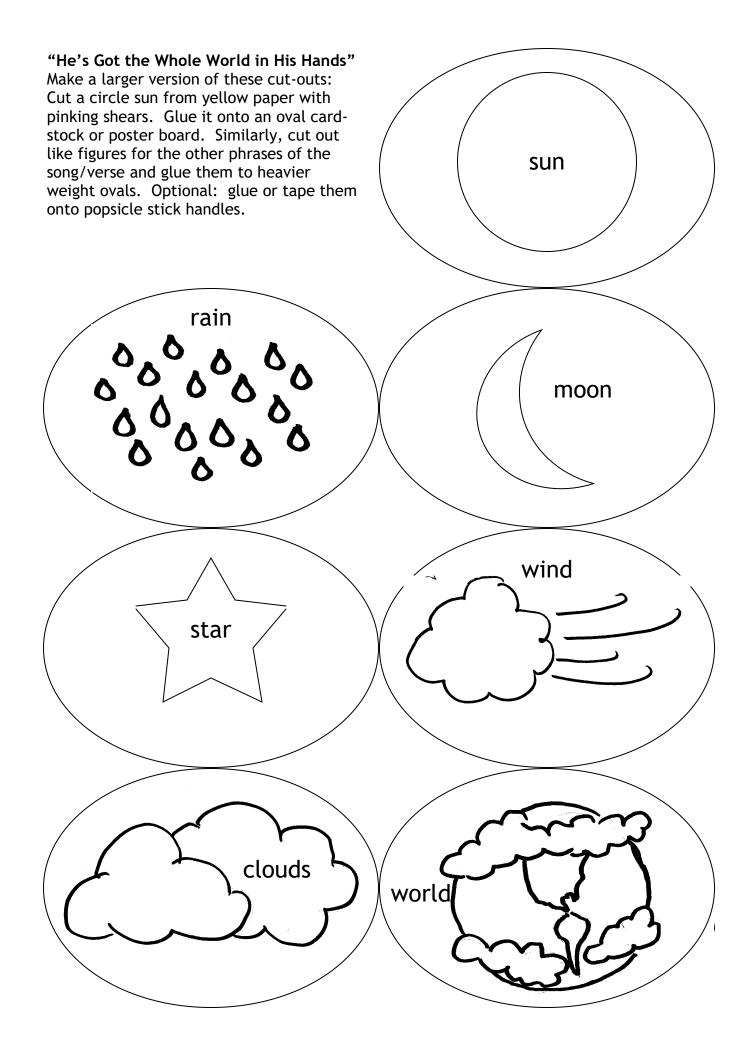
If equipment is available, pump up a flat tire, a ball, an air mattress.

**15 minutes free play:** balloons (be ready to have to blow up a lot of balloons!)

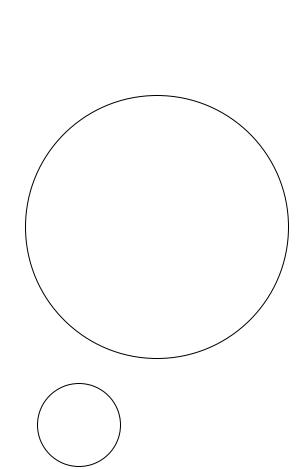
#### 10 minutes Math:

Bubble math—ordinals (first, second, third, fourth, last), double, triple

<sup>\*</sup>Balloon rocket—<u>Science for Fun Experiments</u> by Gary Gibson, pp. 84-5



fourth—last third 1. Which bubble is biggest? second



2. Which bubble is the littlest?

3.Largest? Smallest?

4.Which bubbles are bigger than the third?

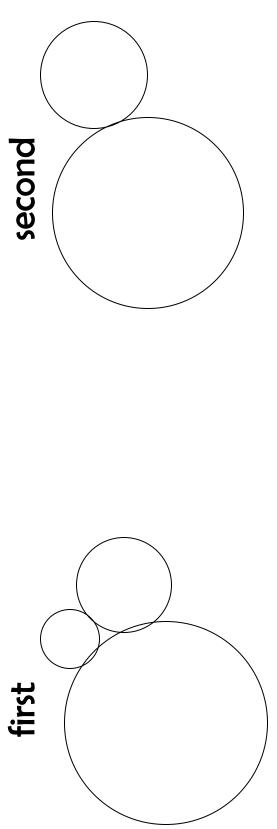
5.Whch bubbles are smaller than the last?

6.Which bubble is medium size?

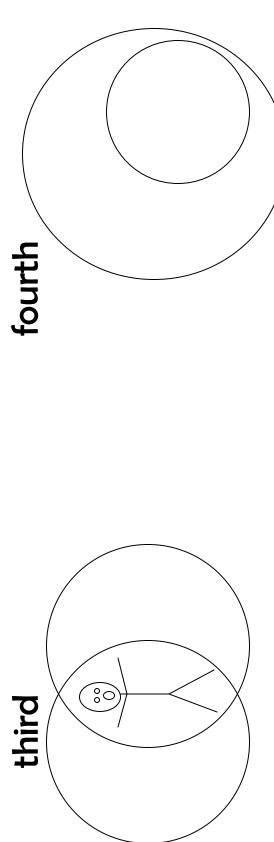
7.Which bubbles are at the ends?

8. Which bubbles are in the middle?

# 9.Which is the double-bubble? The triple?



10. Which bubble has a bubble inside?



11. Which has a guy trapped inside both bubbles?

Wrap up a raw potato in foil; pretend it's hot and toss it from person to person. Try hopping while tossing. Draw a hop scotch pattern on the cement and practice hop scotch skills.

15 minutes roll, calendar, weather, today's schedule/topic See lesson 1.

# 15 minutes Scripture story:

Involve the children in a telling of Noah and the Ark, including the children's favorite animals, sounds the animals make, rocking to and fro as if in a boat, maybe a little seasick . . . ham it up! (optional: dress-ups, pictures, Noah's ark toys, puppets, or book)

# 5 minutes Song:

1st line "I like to look for rainbows," (Children's Songbook, p. 103), or, "Rainbow Connection"

Actions for "I like to look for rainbows":

"look for"—hand on brow, looking for something

"rainbows"—make a bow with hand movement

"rain"—show rain coming down with hands

"ponder"—tap temple of head with finger, look thoughtful

"clean"—ASL sign clean (brush palm with other hand)

"want"—ASL sign want (pull upturned, curved hands toward you)

"life"—ASL sign life (thumbs and index fingers "L" shape, move up the front of you)

"best"—give the "thumbs up" sign

"with God"—move hand upward toward heaven

#### 5 minutes Movement:

"Rain is Falling All Around" (Children's Songbook, p. 241) with actions

15 minutes free play: run through the sprinkler

#### 15 minutes Art:

Rainbow art, or, raindrop art; opt. dip a toothbrush in the paint and spatter it onto the paper to make a sprinkle-art picture

#### 10 minutes Math:

Hot Numbers, Cool Math by Brian Sargent;

**Or,** Counting and grouping 20 raindrops (fold paper in 4 or 8 to cut several at a time)—(groups of 2, 3, 4, 5—sometimes some are left over). When you have groups of 2, and everyone has a partner, it's an *even* number; when one is left without a partner, it's an *odd* number.

# Snack while reading book(s):

<u>Hot snack</u> (such as microwavable bite-size chicken, pizza, potato puffs, bagels, or whatever)

<u>Popsicles</u>: freeze Koolaid paint from lesson 6, or, add 1/4 cup juice to Koolaid paint and freeze, or, use 2 cups water to 1 pkg. Koolaid and 3/4 cup sugar—freeze in popsicle molds

Date Lesson 7

Topic:: weather,

temperature

Skill: hot potato, Hop scotch

Roll, calendar, weather, today's schedule/topic

# Scripture story:

Noah's Ark (rain, rainbow)

# Song:

"I Like to Look for Rainbows" Or, "Rainbow Connection"

#### Movement:

"Rain is Falling All Around"

Play: sprinkler

#### Art:

Rainbows or sprinkle art

#### Math:

Hot Numbers, Cool Math Or, grouping raindrops

Snack: hot snack and popsicles

# Book(s):

It's Much Too Hot The Rainy Day

#### **Science Activity:**

thermometers

# Free play

#### Materials:

Potato, foil, chalk, cement
Noah's Ark props
paint, toothbrushes
Books about weather, temp.
Hot snack, popsicles
Sprinkler,
Thermometers,
ice water, boiling water

#### 5 minutes Book(s):

Read or talk about one of these books, or another similar.

It's Much Too Hot by Bob Graham; very simple story/text about heat

The Rainy Day by Anna Milbourne & Sarah Gill; simple text, start to finish rainy day

# 10 minutes Science Activity:

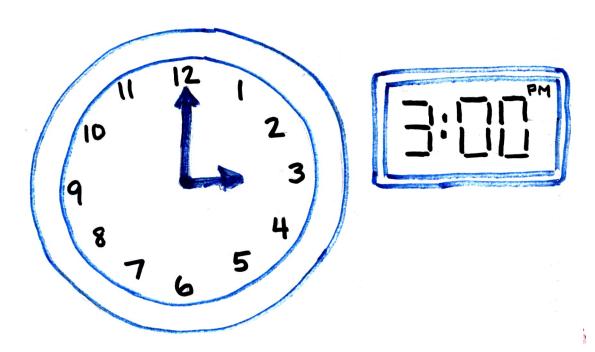
- -take children's temperatures under their armpits;
- -place a cooking thermometer in steaming hot water
   And watch the indicator liquid rise,
- -place another thermometer in ice water

(don't use the same thermometer, as the temperature difference will break it)

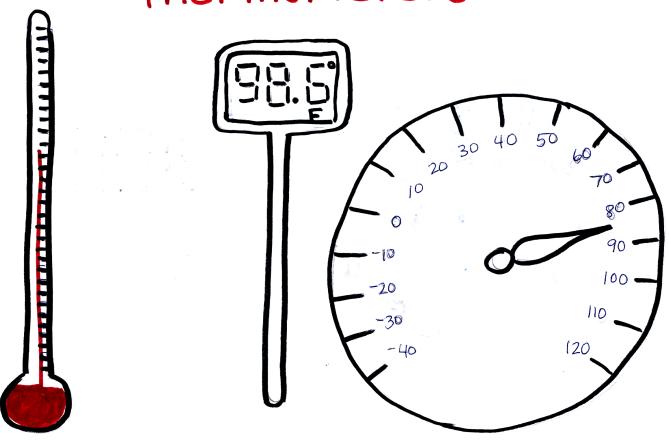
-just as there are different types of clocks, there are different types of thermometers

# 15 minutes free play

# Clocks



# thermometers



If you don't have a toy bowling set, you can use water bottles for the pins, and about a 6-8" diameter ball. If the water bottles are too heavy, partially empty them. Save the bottles for lesson 9.

15 minutes roll, calendar, weather, today's schedule/topic See lesson 1.

# 15 minutes Scripture story:

Tell the story of Jesus calming the storm, from Mark 4:37-41 and Luke 8:22-25, using pictures or flannel board figures, or role play, or,

Golden Books:

The Story of Jesus by Jane Werner Watson ("Peace be Still")

The Miracles of Jesus by Pamela Broughton and Diane Muldrow

(from feeding the 5000 to the calming of the storm)

from free Spirit Art! "Peace! Be Still!" by James Seward

# 5 minutes Song:

"Tell Me the Stories of Jesus" (Children's Songbook, p. 57) Ideas for illustrations following pages.

1	2
3	4

**15 minutes Art:** storms; fold/divide a paper in 4

section 1: draw the wind blowing trees (little wind, medium wind, big wind) section 2: draw a tornado spiral vortex section 3: zigzag lightning from a cloud section 4: divide in 2 and draw rain, and snow

#### 5 minutes Movement:

"Simon says, 'It's a storm!" (enact rain, wind, thunder, flood, etc.)

15 minutes free play: water balloons

#### 10 minutes Math:

measure and work cooperatively to make a cereal and cracker snack mix (need not be flavored or baked—kids like just plain cereals and crackers mixed)—for instance, take turns holding the cup and pouring the ingredients

Snack while reading book(s): swirled ice cream & snack mix

### 5 minutes Book(s):

Read or talk about one of these or a similar book:

<u>Storms</u> by Ray Broekel (have funnel ready to show)

<u>Weather</u> by Robyn Supraner (I Can Read About series by Troll)

Date Lesson 8

Topic: storms
Skill: bowling

Roll, calendar, weather, today's schedule/topic

# **Scripture story:**

Jesus and the storm

# Song:

"Tell Me the Stories of Jesus"

Art: storms

#### Movement:

"It's a storm!"

Play: water balloons

#### Math:

Make snack mix

Snack: swirled ice cream, snack mix from math

## Book(s):

Storms, or, Weather

# Science Activity:

Pop bottle vortex

# Free play

#### Materials:

Bowling set or 6" ball & water bottles
Illustrations for song
Water balloons
Swirled ice cream
Various cereals & crackers
Measuring cups
Jesus & storm props/book
Paper, crayons/markers
Sample storm picture
Books about storms
Funnel, duct tape, scissors
2 clear plastic pop bottles

**10 minutes Science Activity:** make a pop bottle vortex:

Fill one clear pop bottle about 3/4 full of water (opt. colored, or with sparkles added) tape second pop bottle as tightly "mouth to mouth" as possible turn the bottle over (may have to swish it in a circular motion to start the vortex)

15 minutes free play

