

## UNIT 3 WIND AND WATER- MATH BOOKS AND MATERIALS

### Books

**Books Used in Large or Small Group Activities or SWPL** (in addition to the Unit Books for Read Alouds):

*Like a Windy Day* by Asch and Asch

*Rosie's Walk* by Pat Hutchins

*Going Lobstering* by Jerry Pallotta

*The Big Storm: A Very Soggy Counting Book* by Nancy Tafuri

*Down East in the Ocean* by Peter Roop

*Goldilocks and the 3 Bears* as retold by Delmege

**Books for the Book Shelf/Reading Area:**

*1 is a Snail, 10 is a Crab* by April Sayre

*Bob and Joss take a Hike* by Peter McCleery

*Balancing Act* by Ellen Walsh

*One Cow Coughs* by Christine Loomis

Any counting books or books about the ocean or wind from your school library

### Math Materials

Offer in a Center (e.g., Puzzles/Manipulatives, Discovery, etc.) to ensure that children can play and explore these tools/materials prior to large and small group activities.

During the Entire Unit:

- Manipulative Sets
- 1 " Cubes
- Wooden, Plastic or Magnetic Letters and Numerals
- Activity Hoops and Bean Bags (as appropriate during Large Motor time)

Week 1:

- Bucket Balance
- 1 " Cubes
- Scarves or Squares of Fabric for Dancing

Week 2:

- Counters
- Water Table Supplies: Measuring cups, turkey basters, eye droppers, Small Scoops

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### Week 3:

- Activity Hoops
- Bean Bags

### Week 4:

- Ocean animals
- Wooden, Plastic or Magnetic Letters and Numerals

### Week 5:

- Number Floor Puzzle
- 1" Cubes
- Manipulatives sets

### **Teacher Materials and Supplies for Activities**

#### Every Week:

- Flip Chart
- Markers

#### Week 1:

- Cardboard tubes (toilet paper or paper towels)
- Journal for recording observation
- Yarn or string
- Tissue or crepe paper
- Stickers or Markers

#### Week 2:

- Picture of Anemometer and Wind Sock- In Unit 3 Google Drive
- Picture of rain gauges or a real rain gauge
- Clear Tubs for holding water
- Small clear containers for holding measured water
- Card Stock

#### Week 3:

- Bucket of Foam Shapes
- Glue Sticks
- Index Cards
- Coffee filters or paper cups
- 11 X 14 Paper

#### Week 4:

- 3 Colors of Construction Paper for Ocean, Sky and Land

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- Pictures copies from Down East in the Ocean

Week 5:

- 11 X 14 Paper
- Sets of 3 Circles- Small, Medium Large
- Glue Sticks