

Preschool Theme Kits WATER



BOX CONTENTS

BOOKS

Puddles

Jonathan London

The Water Hole

Graeme Base

This is the Ocean

Kersten Hamilton

10 Little Rubber Ducks

Eric Carle

What's in the Pond

Anne Hunter

Jump, Frog, Jump (Book with CD)

Robert Kalan

In the Small, Small Pond

Denise Fleming

Rain

Gail Saunders-Smith

Little White Duck

Walt Whippo

DVD

Kipper : Water Play

TOY

Little White Duck felt story

ADULT RESOURCES

Science is Simple : over 250 activities for preschoolers

Peggy Ashbrook

ACTIVITY NOTEBOOK

BEYOND THE KITS HANDBOOK

FOR YOU: a copy of these activities is available in back of this notebook.

Welcome to *Water* Theme Kit. Our target age group is 2 to 5 year olds but we have included at least one board book for babies to use. All these books read aloud well, and there are activities, finger plays, and teacher guides to help you. Also, take a look at the general information sheet on the inside cover of this notebook. ENJOY!

Related Activities: Water Water Everywhere!

-Fun and Games-

I LIKE WATER Classroom book

After reading *Puddles* or watching the *Kipper* DVD, ask children what they like to do with water?

Many answers are possible:

I like to drink water

I like to take a bath

I like to walk in the rain with an umbrella... I

like to splash in puddles... go to the

swimming pool... play with the hose... cook with my family.

Write the children's responses, usually a sentence or two on a blank piece of paper and have each one draw a picture to show his/her answer.

Put them together to make your own classroom book.

AN IMPROMPTU WATER TABLE

Nothing is more fun than playing in water for preschoolers! You can make a simple water table, on a picnic table or the ground.

Use a shallow plastic box, like "under-the-bed" boxes, or small buckets. Partially fill with water and let the children play with a variety of plastic toys/implements:

measuring cups, boats, pouring toys, Styrofoam egg carton, sand box toys, plastic cups and dishes, etc.

If your facility has paint aprons or shirts, you could cover the children, or plan to run the clothes dryer when the fun is over!

CAUTION: Do not use five gallon buckets or other deep containers.

Always watch small children carefully around water. Children can drown in as little as 1 inch of standing water.

WATER FACTS

Did you know :

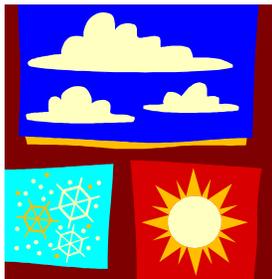
- You could be drinking the same water molecules that dinosaurs drank.
- Nearly 97% of earth's water is salt water and undrinkable.
- The human brain and a living tree are both 75% water.
- Water expands by 9% when it freezes. Ice floats because it's lighter than liquid water.
- Water regulates the Earth's temperature. It also regulates our temperature, carries nutrients and oxygen to our cells, and carries waste away. It cushions and protects our bodies too.
- A person can live about 30 days without food but only 5-7 days without water.

*More info from this website : www.epa.gov/OGWDW/kids/waterfactsoflife
Water cycle info available at www.ga.water.usgs.gov/edu/watercycle.html*

MAKE A GROUP MICROSCOPE *

Collect 1 - 2 quarts pond water. Set a clean glass pan or bowl on an overhead projector. Fill the pan with about 1/2" pond water. Turn the light on the projector, and let the children observe what's in the water. Talk about what they see!

**Used with permission from King County Library System.*



FORMS OF WATER Liquid, solid, gas

Children understand water as a liquid. Let everyone dabble their fingers in tap water. Now fill ice trays and put them in the freezer.

Later in the day, give every child one or two ice cubes, in a paper cup or shallow bowl. Let them feel the ice, watch it melt, taste it, etc.

You can also let them make ice paintings: sprinkle a little dry tempura paint onto paper, then let the children drag their melting ice cubes through the paint. Set them in the sun to dry.

Next, put some water into a large jar, with a lid. Mark the water level, with marker or rubber band. Then set the jar out in the sun, or on a windowsill: over several days observe with the lid on and off. Watch the water make its way up the sides of the jar, as it evaporates (becomes a gas), some of it escaping as water vapor, and some of it forming droplets on the side of the jar (*condensation*).

Tell them this is how clouds form, with the sun and wind causing *evaporation*. The droplets reform into clouds (*condensation*) and rain or snow when the water molecules group around tiny dust particles. This part of the process is called *precipitation*.

Puddle action: pour 1 cup of water on a dry deck or sidewalk. Mark around its perimeter with chalk. Check it later: what has happened?

TURTLE PUPPETS *

Make these easy puppets from paper plates or bowls. Staple two together, adding construction paper legs and head. Or insert a sock between the paper plates or bowls for the head and let the children put their hand into the open end and make the puppet head talk and move.

WATER TRAIL activity

Make water droplets out of blue paper or color on a white square. With tape ready, take a walk through your home or daycare. Find out all the places where there is water, and let the children tape up a water droplet. Talk about why the water is there and how you use it. Go outside and continue the trail.

Water Theme Kit

Questions or Suggestions:

Call the Youth Services Dept.
at (360) 384-3150

-Fingerplays and Action Rhymes-

ITSY BITSY SPIDER

Traditional

The itsy bitsy spider went up the water spout .

Finger to thumb, climb hands upward.

Down came the rain and washed the spider out!

Hands plunge downward, fingers 'raining'.

Out came the sun and dried up all the rain;

Circle arms over head, fingertips touching.

And the itsy bitsy spider went up the spout again.

Repeat finger to thumb motion, upward.

WATER CYCLE SONG

Found online at

www.kidbibs.com/learningtips/lt5.htm

Sung to tune of Row Row Row your boat.

Rain, rain from the clouds

Flows gently in a stream,

Evaporate, evaporate

And come again as rain.

FIVE GREEN AND SPECKLED FROGS

Traditional

Children crouch in a line, for full body rhyme, one by one the children jump and swim. Or use as fingerplay, putting one finger down at a time.

Five green and speckled frogs,

Sat on a speckled log,

Eating some most delicious bugs,
Yum, Yum!

One jumped into the pool,

Where it was nice and cool,

Then there were four green speckled frogs.

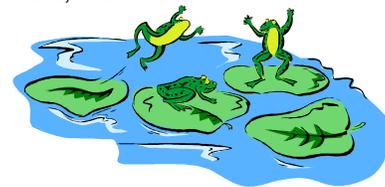
Glub, glub!

Continue until

Then there were no green

speckled frogs,

Yum, Yum!



WHO USES WATER? mural

The books in this kit show many animals in water: ducks, frogs, people, wild animals, insects, snakes, fish, turtles, etc. You can have fun 'spotting' the animals. Make a classroom mural, on plain paper or brown paper bags taped together. Put land, lake and stream, sky, sun and clouds; then let the children remember, draw and color in all the animals that live in and around water.

Extension: Now add plants: trees, shrubs, cattails, grass, lily pads and other water plants. These plants need the water to grow, and also help keep the water clean.

Extension: Point out the elements of the water cycle in your mural. Draw circular arrows from the lake/stream to the clouds and back again.

SCIENCE IS SIMPLE

Whether science is simple or not, the adult resource in this kit is very easy to understand and use!

The index lists over 50 pages where water is used. Some of these activities are:

What do seeds need to grow?
p. 41-46

What is Melting? p. 79

Separate Soil into Its Parts, Add Water p. 104

Working with Pumps, Siphons, and Capillary Action p. 148-153

Evaporation and Condensation p. 159-163

Making solutions p. 219-223



How You Can Help

- Use and return kits promptly so that they are available for others.
- Please check box contents before returning.
- Do not use the book drop. Please return kits inside an open library.