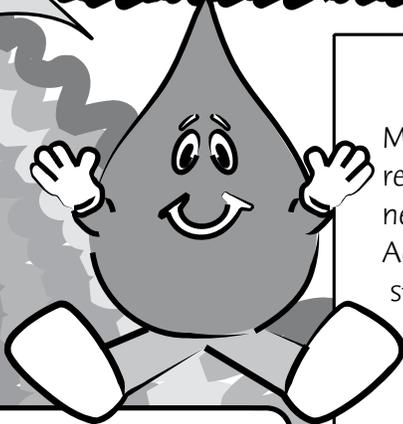


WATER SOURCES

SPRINKLES

Southwest Florida Water Management District

Ripply is our character used to guide students through the *Sprinkles* newsletter.



Ask students if they know where water comes from. Have them list several ways they use water in their homes. Read the introduction together.



Florida B.E.S.T. Standards, ELA (K-2):
ELA.K.R.2, ELA.1.R.2, ELA.2.R.2
Florida State Academic Standards,
Science (K-2): SC.1.E.6.1, SC.2.E.6.1

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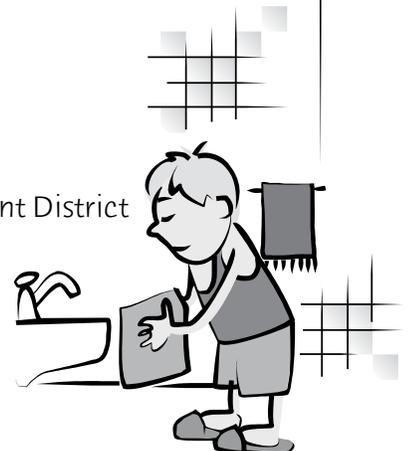
Teacher's Guide

Welcome to *Sprinkles*. The Southwest Florida Water Management District (SWFWMD) offers this water resources newsletter for elementary students. The newsletter is correlated to grades K-2 of the Florida State Academic Standards and provides an interesting way for students to increase their awareness and respect for water resources and our environment.

This issue of *Sprinkles* introduces students to general topics about our water sources. It includes a rebus, a home water survey, a game about the journey of water, an activity on wastewater, a water cleansing experiment and a water match game. All the information and activities are designed to teach students about topics related to our water resources. Let *Sprinkles* make a splash in your classroom today!

Many other free materials are available from the SWFWMD and can be ordered online at www.WaterMatters.org/Publications. We also offer a variety of water education resources at WaterMatters.org/Education. Please contact us if you have any questions or suggestions about our water resources education programs.

Youth Education
Communications Department
Southwest Florida Water Management District
(352) 796-7211
1-800-423-1476 (FL only)
WaterEducation@WaterMatters.org



Water Wows!

It's fun to learn facts about our water resources. After reading the statement about water coming from deep underground, ask students if they have ever heard the term "aquifer." Tell students that an aquifer is an area of limestone rock under the earth. The holes of the rock hold water that can be brought to the surface.

Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2,
Florida State Academic Standards (K-2): SC.1.E.6.1, SC.2.E.6.1



Water Places Rebus

Explain that a rebus is a story that uses pictures in place of some words. Tell students that they are going to learn where our drinking water comes from. Then read the rebus together.

Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2
Florida State Academic Standards (K-2): SC.1.L.17.1, SC.2.L.17.1, SC.1.E.6.1, SC.1.E.6.2



Water in Your Home

Read the directions with your students. Discuss the places in their homes that they will check for water. Help students add up their total number of water places.

Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2, MA.K.NSO.1
Florida State Academic Standards (K-2): SC.1.E.6.2



A Drippy Trip in the Pipes

To prepare students for the game, discuss the fact that water must go through many steps to make it clean enough to use in our homes, schools and other places. Then have students read the directions and play the game.

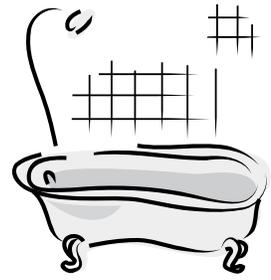
Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2, MA.K.NSO.1
Florida State Academic Standards (K-2): SC.1.E.6.1, SC.1.E.6.2, SC.1.L.17.1



Down the Drain

Ask students if they know where dirty water goes. Then have them complete the activity. Emphasize that dirty water travels through pipes from many places in our homes.

Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2
Florida State Academic Standards (K-2): SC.1.E.6.2



Water Watcher Activity

Emphasize the importance of the steps taken to make our water clean and healthy. The sand and pebbles in the experiment represent dirty materials. Those materials will eventually settle to the bottom, leaving cleaner water at the top. Stress that this is only one part in the cleaning process. Perform the experiment with your students and discuss the results.

Florida B.E.S.T. Standards (K-2): ELA.K.R.2, ELA.1.R.2, ELA.2.R.2, MA.1.FR.1
Florida State Academic Standards (K-2): SC.1.N.1.1, SC.1.N.1.2, SC.2.P.8.1



Water Match Game

This version of a matching game uses vocabulary included in this newsletter. Students should play in pairs. Read the directions together and then have them play the game.

Florida B.E.S.T. Standards (K-2): ELA.K.V.1, ELA.1.V.1, ELA.2.V.1
Florida State Academic Standards (K-2): SC.1.E.6.1

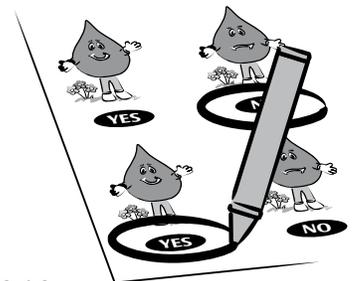


Sprinkles Quiz

Make copies of the quiz on the back page of this teacher's guide and distribute them to your students. Read the questions aloud and have students draw a circle around the word "Yes" or "No" under Ripply's picture. Discuss the responses.

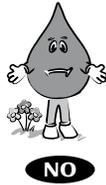
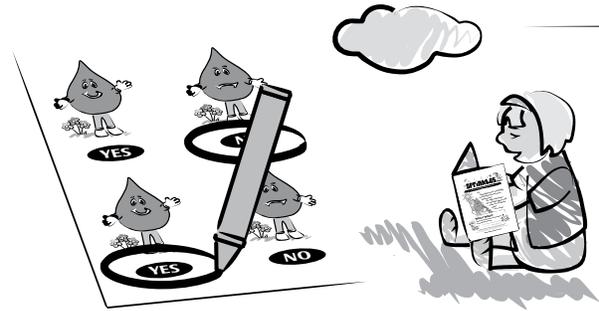
Answers: 1-Yes, 2-No, 3-Yes, 4-Yes, 5-Yes

Florida B.E.S.T. Standards (K-2): ELA.K.C.1, ELA.1.C.1, ELA.2.C.1, ELA.K.C.2, ELA.1.C.2, ELA.2.C.2
Florida State Academic Standards (K-2): SC.1.E.6.1, SC.1.E.6.2

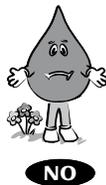
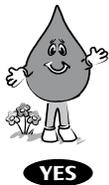


Sprinkles Quiz

Directions: Listen to each question.
Then circle Yes or No under Ripply.



1. Do we get water from underground places?



2. Is an aquifer made up of wood?



3. Does water need to be cleaned before we can use it in our homes?



4. Does water move through pipes to our homes?



5. Does a pipe help take away our dirty water?

Southwest Florida
Water Management District

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The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or who would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact the Human Resources Office Chief, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only); or email ADACoordinator@WaterMatters.org. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1-800-955-8771 (TDD) or 1-800-955-8770 (Voice). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at WaterMatters.org/ADA.