

RESERVOIR RANGER

GUIDEBOOK



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WELCOME

Hi Reservoir Rangers,

We are excited to start another season of the Reservoir Ranger program. We want to invite you outside to explore what nature has to offer.

You'll learn about fish in our reservoirs, wildlife and plants in the watershed.

This guidebook contains activities for those 5 -12 years old. You'll explore the watershed, go on a scavenger hunt and craft your own nature collage.

Plus, we've got hiking trails and wildlife in all four reservoirs – Oradell, Woodcliff Lake, Lake Tappan and DeForest - for you to enjoy.

While hiking our trails or visiting any of the reservoirs, we encourage you to wear your Reservoir Ranger gear.

A reminder to practice COVID-19 safety rules on any of the properties you visit.

Let's get started!





As a Reservoir Ranger, we want you to get the most out of your outdoor experiences. Use your field journal to record any wildlife or special plants you see in any of our watershed properties. The exercises in this book will teach you a little more about what you are seeing.

LET'S START.

What is a Watershed?

An area of land that drains water into a specific body of water.

What is a Reservoir?

A natural or manmade place where water is collected and stored for use.

What is a Hiking Trail?

An outdoor area of land to walk in nature.

NOW THAT YOU'RE A RESERVOIR RANGER, WE WANT TO GIVE IT TO YOU IN WRITING!

Once you've completed all the activities in this book, email screenshot pictures to us.vna.njcommunications.all.mailbox@veolia.com. We will send you an official Reservoir Ranger certificate and special prize.

WE WANT TO HEAR FROM YOU.

Take a picture of any wildlife or nature scene that looks good to you. The best one could win a free membership, and Veolia will use it on our website and booklet.

Remember to stay connected by checking online at watershed.veolianorthamerica.com for new activities and events.

YOU CAN MAKE A DIFFERENCE AND HELP KEEP OUR WATER SUPPLY AND THE SURROUNDING PROPERTY CLEAN AND SAFE FOR ALL TO ENJOY.

Reservoir Rangers follow the rules and guidelines below.



WHO ARE WE?

Veolia provides water service to more than a million residents in New Jersey. With 56 treatment plants, 83 wells, 3,300 acres of watershed, five reservoirs, and over 2,860 miles of water mains, the company supplies more than 128 million gallons a day to people and businesses in nearly 81 municipalities.



MY FIELD JOURNAL

Here's the part where you record what you see. Be descriptive. As you explore the trails write down what you see, what you like and even things you have questions about along the paths. At our watershed properties, you will see birds, plant life and little critters.

ANIMALS

SIGNS

PLANTS

WHAT DO YOU PLAN TO DO TO PROTECT OUR WATERSHED AND THE ENVIRONMENT?



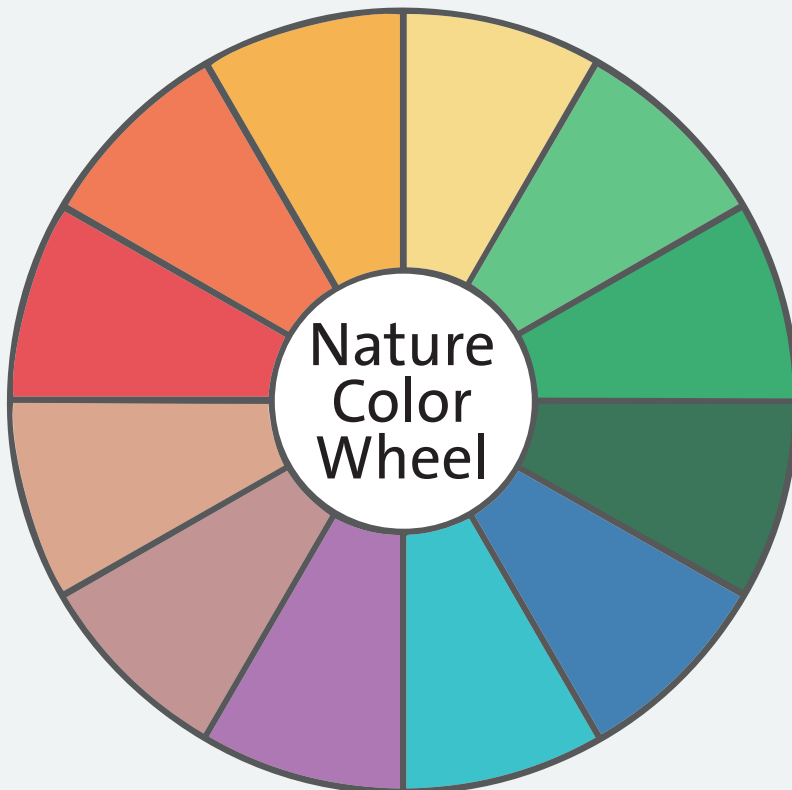
RESERVOIR RANGER ACTIVITIES

COLOR ACTIVITY

This activity is about teaching you how to appreciate different colors in nature.

We encourage you to pay attention to the colors you see as you walk through the different areas of the watershed. There are four reservoirs in the program, so encourage your parents to take the family to visit all four if possible.

WHAT COLORS CAN YOU FIND?



This nature color wheel is such a simple and easy activity that you can do with your kids year round! A fun and easy way to learn colors and incorporate nature into learning. Your children will love finding items to match the colors on their color wheel.

RESERVOIR RANGER ACTIVITIES

SCAVENGER HUNT

Take a walk and find items along the way as nature keepsakes. There are four reservoirs and different species of trees and rocks. Let's go!



- | | | |
|--|--|--------------------------------|
| <input type="checkbox"/> Two different leaves | <input type="checkbox"/> Feather | <input type="checkbox"/> Acorn |
| <input type="checkbox"/> Two different flowers | <input type="checkbox"/> Branch | <input type="checkbox"/> Rock |
| <input type="checkbox"/> Pine needle | <input type="checkbox"/> Litter - let's help keep our reservoirs clean | |

NATURE COLLAGE

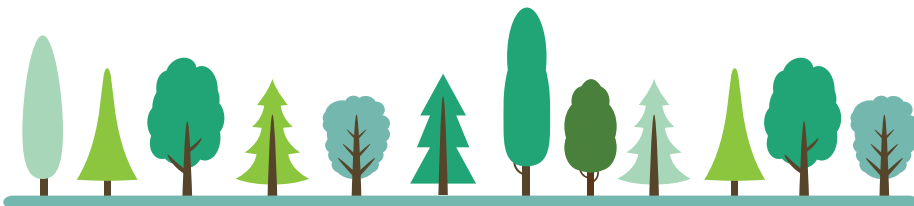


This is the time to show off your collection. Find items on your walk as nature mementos. Collect all items and take a picture and email us these nature collages. Nature is beautiful.

WORD SEARCH

H	S	E	R	B	I	I	N	T	G	L	A	E	O
L	H	G	F	S	G	R	A	D	N	A	W	S	L
U	A	L	F	I	A	H	L	F	I	K	E	S	R
G	G	K	I	N	L	F	A	T	K	E	L	E	O
N	N	S	E	A	R	D	E	T	I	T	C	E	G
B	I	S	T	D	R	S	L	T	H	A	O	R	U
I	H	S	G	N	E	E	U	I	Y	P	M	T	I
R	S	T	A	N	A	F	A	P	W	P	E	S	D
D	I	U	M	R	T	L	O	I	S	A	I	S	E
S	F	D	E	E	B	S	P	R	R	N	R	H	N
I	P	E	S	T	O	R	A	D	E	L	L	I	N
T	F	N	N	A	P	T	K	I	G	S	W	R	R
P	T	T	U	W	S	A	E	F	A	C	T	T	R
B	M	S	F	D	E	T	V	T	I	S	I	V	M

- 1.) BIRDS
- 2.) SAFETY
- 3.) HAT
- 4.) SHIRT
- 5.) VISIT
- 6.) HIKING
- 7.) STUDENTS
- 8.) GUIDE
- 9.) WATER
- 10.) WILDLIFE
- 11.) FISHING
- 12.) TREES
- 13.) PLANTS
- 14.) FUN
- 15.) GAMES
- 16.) WELCOME
- 17.) ORADELL
- 18.) TAPPAN
- 19.) LAKE DEFOREST



DRAW IT

Leaf Rubbing using Oil Pastel or Crayon



Materials

- Leaves
- Paper
- Crayons or oil pastels

Directions:

Place a leaf under a piece of paper. Using the side of a crayon or pastel (peel the wrapper off if needed) and color over where the leaf is. It is best to go over the leaf in gentle, thin layers building up the color.



FAMILY FUN

Now is the time to get the whole family involved. Test your observation skills by counting colors, watching birds and playing “I Spy.” Have Fun!

COUNT THE COLORS



As you are hiking along our trails ask your group to find at least 5 things in nature that are the color green. The first one to find all 5 chooses the next color challenge.

Activity completed

BIRD WATCH



Try to find the following birds that visit our reservoirs; American Robin, Canada Goose, Mallard, Mourning Dove, Blue Jay and Cardinal. Use a bird guidebook to help identify any of the birds before they fly away. If you like to draw, sketch a picture of what you see and what their purpose is in nature.

Activity completed

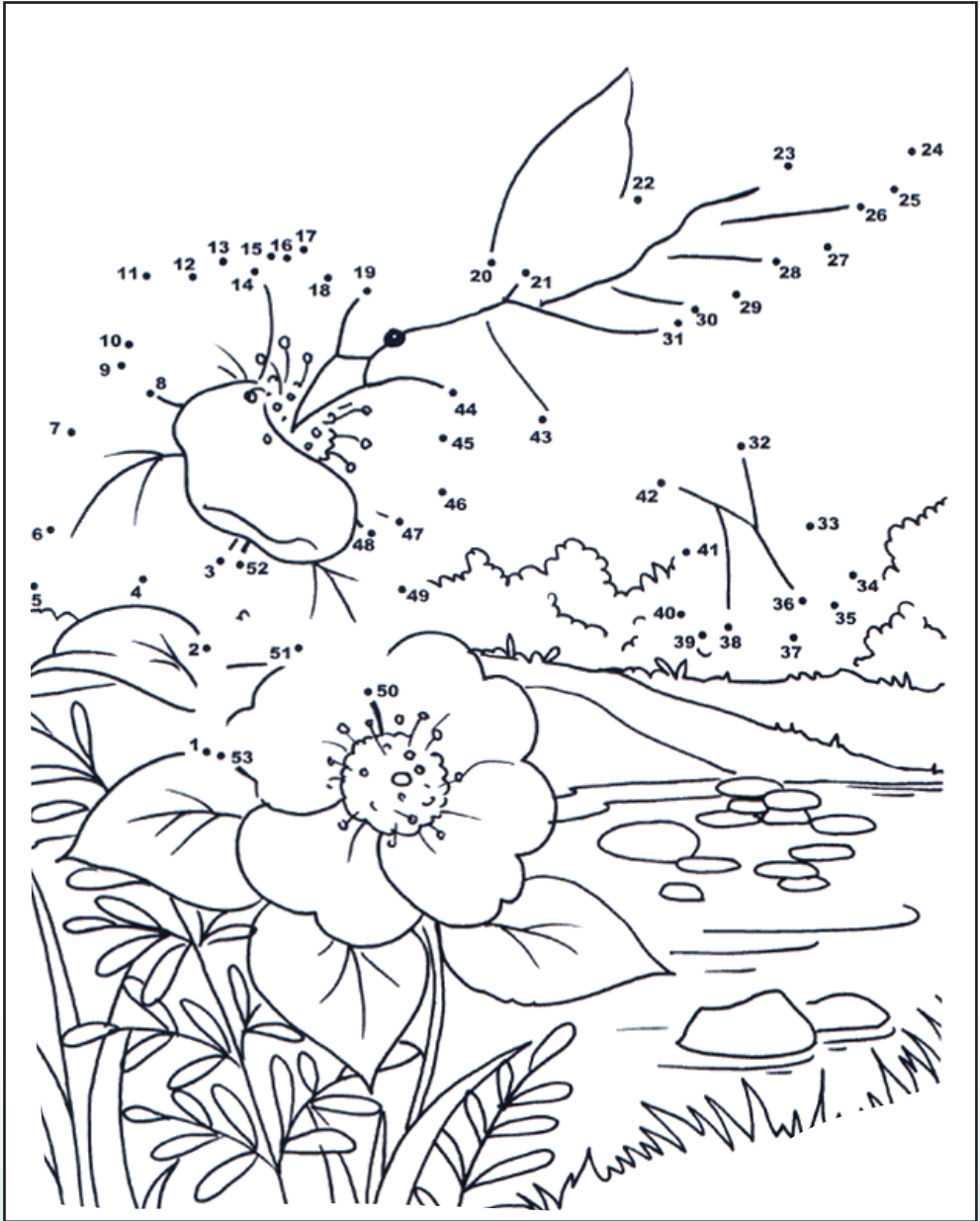
I SPY



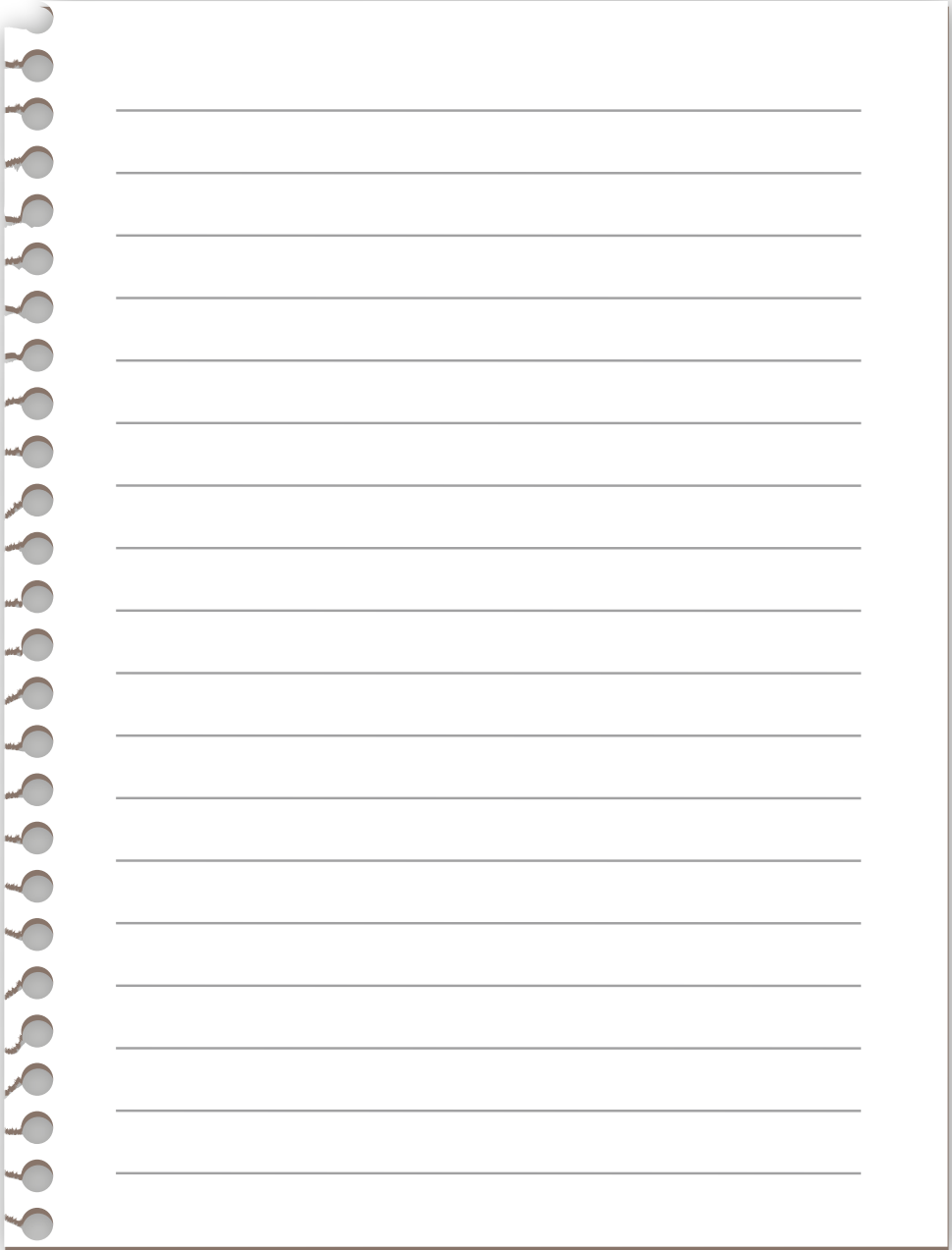
Going on a hike is the perfect time to break out a game of “I Spy” with your family and friends. This nature version can be played by having one person describe an item starting with the color or shape then having others try to guess the object. Keep this going for five items.

Activity completed

CONNECT THE DOTS



NOTES

A spiral-bound notebook with 20 horizontal lines for writing. The spiral binding is on the left side. The notebook is shown with a slight shadow, giving it a three-dimensional appearance.



Attn: NJ Communications Department
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