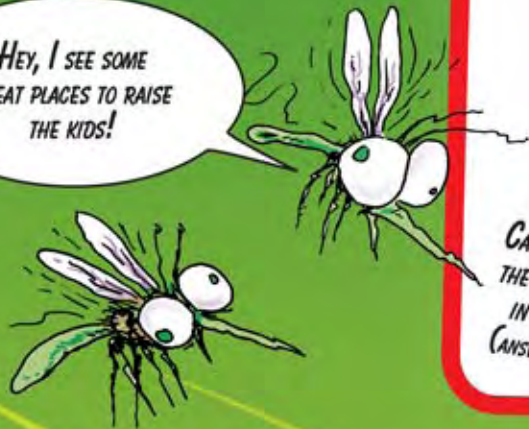


STOP RAISING MOSQUITOES IN YOUR YARD!



Hey, I see some GREAT PLACES TO RAISE THE KIDS!



CAN YOU FIND ALL OF THE BREEDING SITES IN THIS PICTURE?
(ANSWER KEY ON BACK)

Hi, I'm PESKY PATSY THE MOSQUITO! IT LOOKS LIKE SOMEONE FORGOT TO EMPTY THE BIRD BATH, AND NOW MY RELATIVES AND I ARE ALL BUZZING AROUND THESE PAGES! HOW MANY OF US CAN YOU SPOT THROUGHOUT THIS BROCHURE?
(ANSWER KEY ON BACK)



- ## THE BUZZ ABOUT MOSQUITOES
- WHY MOSQUITOES ARE PESTS
 - FUN MOSQUITO FACTS
 - PUZZLES & GAMES
 - HOW TO PROTECT YOURSELF
 - COLORING PAGE
 - AND MORE!

Distributed by:

South Lake Mosquito Abatement District
Serving the Lake County, Illinois Communities

BANNOCKBURN HIGHWOOD
DEERFIELD RIVERWOODS
HIGHLAND PARK

Mosquito Hotline
(800) 942-2555
Please Report Water Standing 3 Days or More to
southlake@clarke.com
Or Call the Mosquito Hotline
For More Information Visit
www.slmad.org



WHAT'S THE PROBLEM?

Mosquitoes are true pests, a source of immense suffering due to the diseases they spread to humans and animals. They are annoying, biting insects that spread disease pathogens from one host to another.

Several viruses and parasites can be carried by mosquitoes:

- **West Nile Virus**
May cause encephalitis (inflammation of the brain) or meningitis (inflammation of the membranes surrounding the brain and spinal cord), which can result in permanent brain damage or death. West Nile virus affects people, animals, and birds.
- **La Crosse (California) Encephalitis**
Normally infects squirrels and chipmunks and is spread to humans by mosquitoes; it mainly infects children
- **St. Louis Encephalitis**
Affects wild birds, but can spread to people, mainly affecting older adults.
- **Heartworm**
Heartworm parasites that affect our pets are spread by mosquitoes (your veterinarian can give you heartworm preventive for dogs and cats).
- **Yellow Fever and Dengue Fever**
Virus-caused, these are mainly tropical diseases. However, the mosquito species that transmit them are found in our area.
- **Malaria**
A mosquito-borne disease caused by a parasite. Malaria is also generally a tropical disease, but the mosquito species that transmit it are found in Illinois.

WATER IS IMPORTANT!

Mosquitoes lay eggs in stagnant water. The wigglers (mosquito larvae) hatch and grow there, feeding on bacteria from decaying vegetation (the kind you find in your gutters, low areas in your yard, or in piles of old, wet leaves). The best way to get rid of mosquitoes before they start is to get rid of stagnant water.

MYTH:

Mosquitoes are NOT a significant food source for birds or bats (they're too small). Dragonfly nymphs, aquatic larvae of other insects, polliwogs, or salamander larvae may feed on mosquito larvae, but if there are no mosquito larvae available they do very well feeding on other insect larvae.



THE DEADLIEST ANIMAL IN THE WORLD LIVES IN

Use your mosquito smarts to unscramble these buzz words! Rearrange the red missing letters to spell out the special bonus word!

(Answer key on back.)

EITB _ _ _ _

MNUAH _ _ _ _

URISV _ _ _ _

OLODB _ _ _ _



_____ .ORG

WEST NILE VIRUS

West Nile Virus, a close relative of the St. Louis encephalitis virus, was introduced to the New York City area in 1999, and was found in four eastern states by the end of that year. Since then the virus has spread across the country and was first documented in Illinois on October 24, 2001.

West Nile Facts

- West Nile virus cannot spread from person to person, or directly from birds to humans. It is contracted from the bite of a mosquito infected with the virus.
- Along with the typical symptoms of encephalitis, people who get West Nile virus may also suffer from rash, swollen lymph nodes, conjunctivitis, stiff neck, disorientation, and muscle weakness. However, most people who are infected have no symptoms.

Mosquitoes may be pests, but they sure are interesting!

Did you know...

- A mosquito beats its wings about 500 times per minute. That would be 18,369,000,000 times in an average person's lifetime!
- Male mosquitoes find female mosquitoes by listening to the sound of their wings beating. Males can actually identify the correct species by the pitch.
- There are more than 2500 species of mosquitoes worldwide; 39 species have been found in Lake County.
- Mosquitoes are more attracted to dark colors than light colors.
- Mosquitoes can lay up to 300 eggs at one time and may average 1000-3000 offspring in a lifetime! Imagine if you had that many brothers and sisters!



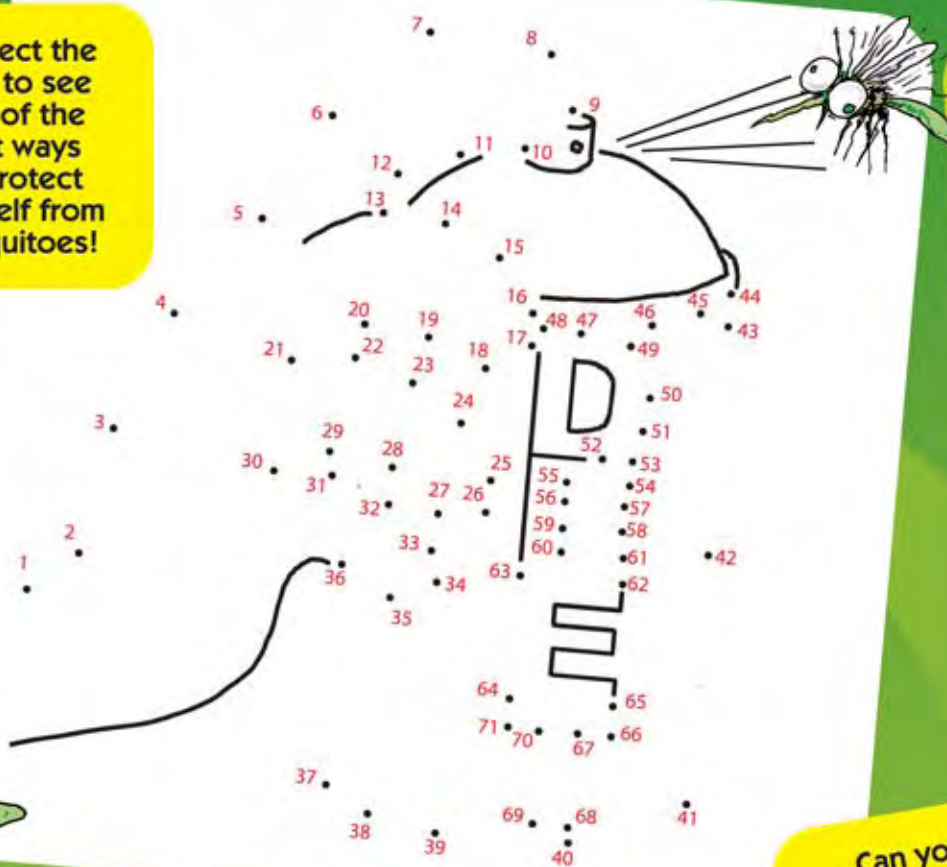
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YOUR BACKYARD!

WHAT CAN I DO TO PROTECT MYSELF AND THOSE AROUND ME?

Connect the dots to see one of the best ways to protect yourself from mosquitoes!



PREVENT MOSQUITO BITES

Mosquito bites cause itching and irritation. But don't scratch! Scratching a mosquito bite can lead to an infection!

- When possible, limit outdoor activity at dusk
- Wear light-colored clothing that covers up your skin and helps protect you from mosquito bites.
- Make sure all door and window screens fit tightly and all holes are fixed.
- Use mosquito repellents if you are going to be outdoors.
- The Centers for Disease Control recommend DEET, Picaridin, lemon eucalyptus, or IR3535.
- The American Academy of Pediatrics (AAP) recommends use of DEET up to 10% for children 2 months-12 years old.
- No serious illness has been linked to the use of DEET in children when used according to manufacturer's recommendations. Picaridin, oil of lemon eucalyptus, and IR3535 are effective but have not been tested sufficiently in children for AAP to recommend use in children under 2 years old.

Can you find 15 words in this word search?

PREVENT MOSQUITO BREEDING

Mosquito larvae or wigglers must live in still water for about five days to complete their growth before becoming adult flying mosquitoes. Here are some things you can do to get rid of breeding sites in your yard.

- Get rid of old tires, buckets, drums, or any containers that can hold water.
- Clean up roof gutters and downspouts clear of leaves, garbage and other debris, and keep trash containers covered.
- Empty watering cans, children's buckets, etc.
- Empty plastic wading pools, bird baths, and plant urns at least once a week and store indoors when not in use.
- Drain unused swimming pools.
- Fill in tree rot holes and hollow stumps that can hold water.
- Store boats upside down or drain rainwater weekly.

To Report Standing Water:

To report water standing more than 3 days email southlake@clarke.com or call the mosquito hotline at 1-800-942-9555 and leave a message with your address. A technician will be sent to inspect the water. If larvae are found the water will be treated.

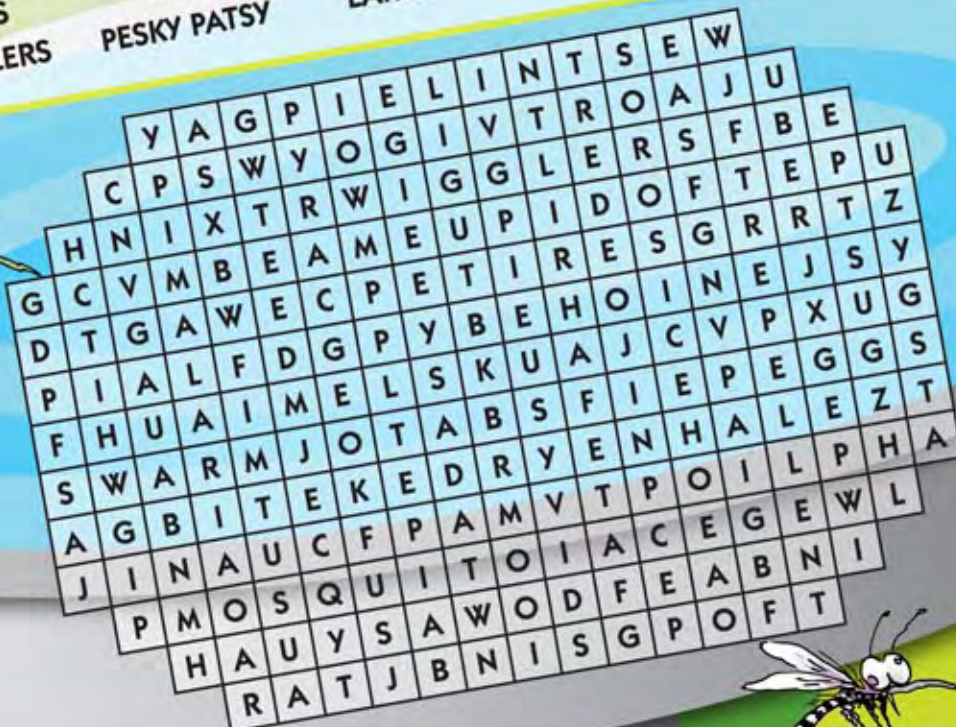
MOSQUITO
TIRES
WIGGLERS

EGGS
BITE
PESKY PATSY

REPELLENT
MALARIA
LARVAE

SWARM
WEST NILE
ITCH

DEET
PREVENTION
SAFETY



WHAT DOESN'T WORK?

These mosquito-control methods and devices do not work as well as claimed:

- Spraying your backyard with an insecticidal fog or mist only works for a short time.
- Insect zappers or sound devices do little to reduce biting mosquitoes and can eliminate helpful insects.
- Installing bird or bat houses to attract these insect-eating animals has been suggested as a method of mosquito control. However, there is little scientific evidence that this reduces mosquito populations around homes.
- Electromagnetic devices and Vitamin B are not effective in preventing mosquito bites.
- Citronella candles are only slightly more effective than regular wax candles in warding off mosquitoes. Additionally, citronella products only provide protection in the area immediately surrounding the candle.



An old tire is a perfect breeding ground for mosquitoes. Quick! Hurry and find the path to dump the water out of the center of the tire!



Color this picture and hang it up so everyone can admire your fantastic coloring skills and amazing mosquito knowledge!

DON'T BE MOSQUITO MEAT! USE DEET



CONTACT INFORMATION

Mosquito Hotline
(800) 942-2555

Please Report Water
Standing 3 Days or More to
southlake@clarke.com
Or Call the Mosquito Hotline

Southlake Mosquito Abatement District
www.slmad.org

Lake County Health Department
Signs & Symptoms of Disease
(847) 377-8130

To Report Dead Birds
Call the West Nile Virus Hotline
(847) 377-8300



ANSWER KEY
Breeding Sites: 1.) Tire 2.) Bird Bath 3.) Roof Gutters 4.) Wading Pool
5.) Watering Can 6.) Flower Pot 7.) Corrugated Pipe
Pesky Patsy's Challenge: 39 Mosquitoes—Look carefully, they're all there!
Word Scramble: 1.) Bite 2.) Human 3.) Virus 4.) Blood 5.) SLMAD