crosswords!
fun facts!
connect the dots!
mazes!
How many flies have invaded this house? __________

Draw 3 more flies. How many flies have invaded the home now? __________

Draw a screen on the window to prevent more flies from invading.

Tip

Screens are a cultural and mechanical control. Keep screens free of rips and holes to control pests.

When flies inside your home make you scream…IPM
When flies inside your home make you scream…IPM
When flies make you want to scream
Repair your window screens
That’s the best solution…IPM
Create a web for this helpful creature.

How do spiders use their webs to capture pests?
Draw a line from the ant to the food source.
Cockroaches love living with people. Homes give them lots of food and cozy places to rest and breed. But no one wants cockroaches in their home. They smell bad. They run all over at night. They can cause allergies, too.

To get rid of roaches, think like a roach. What would make you leave a cozy human home?

Cockroach Invaders

Midnight Raiders

What’s yummy to a roach? Search for the hidden words to find out. Then make sure the roaches won’t get to those goodies in your home!

Cockroach Menu

Tips

Raid the Roaches

Check things to do:

- Fix leaky pipes and faucets. (cockroaches need water)
- Take out the garbage every day.
- Keep food in closed containers.
- Rinse out pet dishes after pets eat.
- Wash food from cans for recycling.
- Plug up cracks and holes. Young roaches can squeeze through a crack as thin as a dime.
- Clear out warm, dark places so roaches can’t hide.

Word Bank:
peanut butter, fingernail clippings, crumbs, pet food, glue, bookbindings, grease, soap

NASTY! When they eat, cockroaches barf a little bit. They also leave poop. These smelly things mark the spot so the roaches can find food later.

See Roach World at www.yucky.com
Help Izzy Find the Pest Insects.
Keep Pests from Pestering YOU!

Kitchen pests like cereal, flour, oatmeal, crackers, and pancake mix. Travel the maze to see which containers pests can get into.

Draw a snack container that will keep pests out of your food.

Source: Pest Patrol: A Backyard Activity Book for Kids, PA IMP
Connect the dots to find out what creature will help control pests.

If you're plagued by mice or rats...IPM
If you're plagued by mice or rats...IPM
If you're plagued by mice or rats
Get yourself a ________________
That's the best solution...IPM
Mosquitoes bite and make you itch. They can also make you sick. Some mosquitoes lay eggs in ponds or swamps. The tree hole mosquito can lay eggs in your yard! It breeds any place it finds still or slow-moving water. That includes tree holes that hold water.

This mosquito finds lots of other places to lay eggs, too. You’ll see 10 in the picture. Cross them out. Then go on a mosquito patrol in your neighborhood. Turn over empty pots. Dump water from toys. Don’t grow mosquitoes in your area!

Did you know...
The Northern House mosquito can carry the virus for WEST NILE VIRUS. Very few Northern House mosquitoes carry the virus. But children can get sick if bitten by one that does.

Tips
Skeeter Scat
Read labels on all repellents. Don’t use products with more than 10% DEET.

Wear light, loose clothing to cover your skin.

Go inside two hours after sunset when mosquitoes are most active.

Source: Pest Patrol: A Backyard Activity Book for Kids, PA IMP
Help Izzy find the pests in this yard. Circle each pest insect.

ants
aphid
house fly
hornet
mosquito
Help Izzy find the lucky clover!

Tip

Clovers are a good source of nectar for bees!
Give Izzy the IPM tools to help plants grow.

When weeds invade your garden…IPM
When weeds invade your garden…IPM
When weeds invade your space
Dig them up don’t leave a trace
That’s the best solution…IPM
Dandy... or not?

Dig This!

What can you do with dandelions?

• Make a bouquet.
• Make a snack!

Gather dandelion leaves.
Choose leaves from young plants that have not yet blossomed.
Wash, dry, and chill until you have 1 cup of leaves. Whirl in a blender until smooth:
1 cup dandelion leaves
1/4 cup chopped nuts
1/2 cup cottage cheese
1-2 tablespoons mayo

spread on crackers and eat!

• Tie-dye a t-shirt! The dandelion’s yellow flowers, green leaves, and red roots can be used to make colorful dyes.

Many people think dandelions make lawns ugly. Dandelions crowd out grass and can damage sidewalks and pavements. But people long ago thought dandelions were dandy. They used them in medicines. They made fried flower blossoms and leafy salads. They boiled and fried roots and made roasted root tea. Some people still do!

Did you know...
One dandelion flower can produce over 300 dandelion seeds! Birds eat the seeds.

Source: Pest Patrol: A Backyard Activity Book for Kids, PA IMP
What Pest will Izzy destroy with his spade?
Draw and color 4 more butterflies.

Did you know...
Butterflies prefer flowers that are pink, yellow, red, or purple and have single petals. After bees, butterflies are the second largest group of pollinators.
What's A Weed?

A weed is a plant growing where you don’t want it. Weeds steal sunlight, growing space, and moisture from grass and plants we do want. Weeds spread by seeds. Pull weeds before they set seeds. Then you’ll have fewer weeds in the future!

"Seeds one year, weeds for seven."

"Leaves of three, let it be."

Poison ivy is a pest when it grows where we hike or play. It gives you itchy rash and weepy blisters. Is poison ivy good for anything? Some animals and birds eat the leaves and berries! Bees sip nectar from the flowers.

Milkweed can be a pest when it grows in fields of crops. But what would happen if it disappeared? Monarch butterfly caterpillars eat milkweed. Without milkweed, what would happen to monarchs?

Tips

Take a whack at weeds!

- Pull or hoe weeds out. Be sure to get every tiny bit of root so the weed doesn't grow back.
- The best time to get rid of weeds is when they are small.
- Weeds pull more easily from moist soil.

Who Needs Weeds?

Each letter is something plants (including weeds) need to survive.

- P: Place
- L: Light
- A: Air
- N: Nutrients
- T: Thirst-quenching water

Source: Pest Patro: A Backyard Activity Book for Kids, PA IMP
How does our garden grow?

Sun and rain help plants to grow.

Draw a picture of what we can do to help plants too!
Make a healthy salad.

Color which plants you would use to make a healthy salad. Cut them out and paste them in the salad bowl.
Help Izzy find the vegetables.
BAIT
FLOWER
IPM
NECTAR

NUTRIENTS
NUTS
POISON
SEED POD
Get the healthy vegetables to the market!
Draw the roots of the plants so they can benefit from the rain.

Water Cycle

- **Transpiration**: the movement through plants
- **Condensation**: the clouds form
- **Precipitation**: the rain falls
- **Evaporation**: the vapor rises
You do best in a certain kind of habitat. So do plants! To grow and thrive, it's important to have the right conditions. Be a friend to plants. Notice where each grows best. Then let it grow there!

Walk around your lawn, schoolyard, or neighborhood park. Notice where different plants grow well. What is it like? Is it wet or dry? Shady or sunny? Are there places where nothing grows?

Use what you learned on your walk. Draw ferns, cattails, flowers, and other plants where each would grow best.

**Make a path from the cabin to the lake. Put the right plants in the right places.**

Plants growing in their own best habitat are the best survivors.

**Did you know...**

Did you see any Creeping Charlie on your walk? Yes, also known as *Glechoma hederacea*, it grows well in shady, moist places. It is a member of the mint family and makes pretty hanging baskets.
Pests have enemies, too!
Aphids and Ladybugs

Did you know...

• When it hatches, a ladybug larva will eat about 400 aphids. As an adult, it may eat up to 5,000 more aphids!

• Insect sprays are the ladybug’s number one danger.

Ladybugs look the same on both sides. Draw the rest of this ladybug's body.

Tips
For fighting aphids

Pick off aphids from the underside of leaves, or spray them with water.

Grow plants such as marigolds that attract aphids' natural enemies.

Buy a bag of ladybugs from a garden nursery. Set them free in your yard.

Make aphid traps to put outside.

When you have aphids by the bunches...
Lady bugs will make them lunches
That’s the best solution...

Source: Pest Patro: A Backyard Activity Book for Kids, PA IMP
Make a poster urging people to use IPM.
Plan for pesticide safety!

Care for your plants, family, and pets

Sometimes people buy and use pesticides. Pesticides are chemicals that get rid of pests. They are poisons. Pesticides may accidentally get into our bodies and make us sick. They can get into our bodies if we touch them, breathe them, or swallow them. Find pesticides in the picture. Underline words that warn you that they are poisons.

Fill in the blanks with the words that warn you about poisons.

___ ___ R ___ ___ G
___ ___ U ___ I ___ ___
___ ___ N ___ ___ R

Source: Pest Patro: A Backyard Activity Book for Kids, PA IPP