



JCSDA.com

BE READY!

Safety Activity Book

*** FEATURING ***

Hunter the Search Dog

TEACHER'S GUIDE



Hunter Search And Rescue Dogs



Hi! I'm Hunter. I'm a Search and Rescue Dog - SAR Dog for short. My job is to find people who get lost. That's not an easy job and I had to learn how to do it right.

It takes a lot of special training to be a SAR Dog. Not just any dog can join in the search. We have to train with our handlers for a long time. Sometimes a dog might have to train almost two years before joining in a search and rescue. I started my training when I was just 8 weeks old.

For starters, every SAR Dog has to be a Canine Good Citizen. That means we have to be obedient at all times and must get along with other dogs, handlers and people we meet.

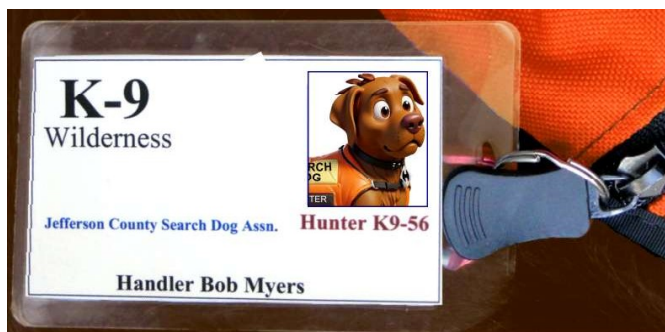
We even have to be good to other critters! But that's just the beginning. There's much more to search and rescue than just being friendly.

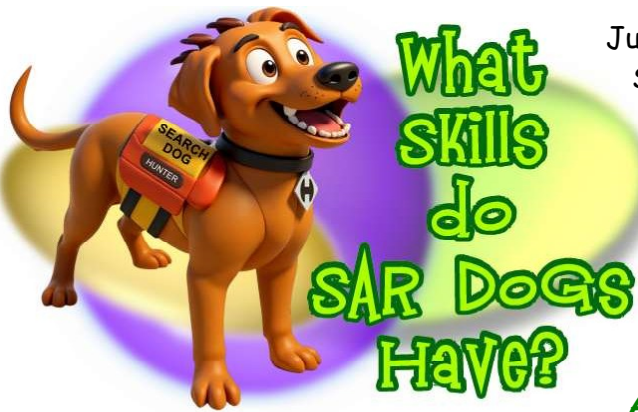
SAR Dogs have to stay in good shape to climb, run and jump. I was taught how to retrieve things for my handler, even in water. I had to learn how to stay in cars and vans for a long time with people and other dogs. Most of all, I learned to search properly using my nose and how to alert my handler when I picked up a scent.

There is special search and rescue training, too. As you can see in the pictures, SAR Dogs learn skills like climbing uneven surfaces, getting used to high places, balancing, following our handler's directions through obstacles and learning how to be carried in case we get injured on a search. We never know where we will have to go during a search, so we have to be prepared for any challenge.

Our training is a lot of work. Bob - he's my owner and handler - and I spent a lot of time training together, even at home. We're taught the skills we need to learn. As we work together we quickly become a team. We learn our commands, practice our search skills and become as one in our work. We learn to read each other's signals so we can communicate as a team. When a dog and the handler follow their training and always do the right things, they can be good enough to be trusted to go on a real mission.

Finally, I was an official SAR Dog. We got our official JCSDA badges and Bob and I became part of the Search and Rescue Team.





Just like people, we SAR Dogs have different skills. Some of us dogs are best at one thing, while other dogs are good at several things.

Sometimes our skills depend on our breed, but the skill all canines have is our sharp sense of smell. That's what makes us dogs an important part of the Search and Rescue Team.

I'm trained as an **Air Scent Dog**. You can see me

sniffing the air in this picture. Lots of people think we sniff the ground to find people, but we actually smell the air for a human scent. Here's how we do it.



Kind of like the way dogs shed hair, people shed skin cells. The bigger cells fall to the ground and the smaller particles float in the air. Even though a microscope is needed to see these cells, dogs can smell them. Our noses can be up to 10,000 times better than humans!

When looking for a lost person I follow the scent of any human, not just a particular person. That's why Air Scent Dogs work best in large parks or private lands that are closed off and have no other people around. The best times and conditions for our searches are early mornings or late afternoons on cool, cloudy days when there is a light wind.

Of course some working dogs sniff the ground, too. They are **Trailing Dogs**, sometimes also called **Tracking Dogs**. They work at a fast pace and follow the scent of the lost person... and once they pick up that trail, they just keep on going. They need to smell something belonging to that person, like a shirt, pants, socks or even a hat. When they know the scent, they look for just that smell. Their nose is used to find the exact scent - much like you would use your eyes to find a red crayon in a box of different color crayons. Bloodhounds like Uffda are great Trailing Dogs.



Another search and rescue canine skill is the **Water Search Dog**. This is another of Uffda's skills. In the picture, she's looking for a drowning victim. Water Search Dogs work along the shore and in boats to locate a person's scent as it rises through the water.

On this mission, Uffda is at the front of the boat, then leans closer and closer to the water. She slaps and bites at the surface when the scent of a person underwater is found. Uffda's handler, Paul, then drops a marker into the water and the boat returns to shore. Divers return to where the marker is so they can dive and locate the person who has drowned.

I'm also trained to be a **Human Remains Detection Dog (HRD Dog)**. This job is to find people no longer alive or their remains. Some people die in disasters like when tornadoes cause buildings to collapse. Sometimes fires take lives. Families want to know what happened to their loved ones and my HRD Dog skills can help find them. HRD Dogs are trained to detect the body's scent rising from the soil - the same way we dogs find where we buried a bone.

The final skilled canine is the **Avalanche Dog**. We don't have any of these dogs in Kentucky, but in areas where skiing is a big sport, these dogs are important. They search for people who are trapped under the snow. Avalanche Dogs can find someone under as much as 15 feet of snow.



Now that you know all about SAR Dogs, I'll tell you about one of my search and rescues. It happened in a park. I was with Uffda - she's a Bloodhound. I'm a Bulldog and Labrador Retriever Mix. Both of us were alert and ready to do our jobs.

A four-year old girl named Addie was missing. Her parents were very worried. Addie was playing hide and seek with her older brother Parker and lost her way. When Parker couldn't find her, he ran back to their parents to get help.

Uffda's handler Paul asked if they had any of Addie's clothes for Her to get a scent. Parker had her hat and let Uffda smell it. A Trailing Dog smells shed skin cells on clothing to learn someone's scent and then tracks that specific scent.

We wanted to find Addie quickly because it would be dark soon. Our teams split up to search more of an area. Uffda put her nose to the ground, started trailing Addie's scent and headed into the forest.



My handler Bob worked me as an Air Scent Dog. I put my nose up in the air and smelled for the scent of people in the woods and hopefully one will be Addie. As we searched the woods, Bob looked at me and said, "Okay Hunter, let's go to work!" I looked at him with confidence and he scratched me behind the ears saying, "Search Hunter - find Addie." When SAR Dogs search we mostly use our noses, but we also use our ears to hear someone and our eyes to look for people. If you are lost, always call for help and remember to sit and stay where you are until help comes - don't ever just wander around.

Suddenly, I picked up a scent. Could it be Addie? Bob saw my ears perk up and he knew I smelled someone. "Find her, Hunter. Find Addie," Bob exclaimed. I ran to where I picked up the scent. By a tree, I could see a little girl lying under a blanket. I barked to alert my handler that I found someone. When I did, the little girl turned around and saw me standing there in my orange safety vest. She smiled - she knew I was a SAR Dog and a friend. She ran to me and hugged my neck. Bob bent down and asked the little girl, "Are you Addie?" She nodded her head and said, "Yes." Well, Addie," said Bob, "This is Hunter and I'm Bob. Your parents were worried about you and sent us to find you. Let's go home!"

It was getting dark, so Bob had me wear a bright light. He used a flashlight to show the way, too. Then he used his amateur radio handie-talkie to call Paul so he and Uffda could end their search.

On the way back, Addie told us she learned that if she ever got lost she needed to sit and stay in one place. Bob told her it was good she remembered to stay in one place - it made finding her much easier.

As Bob and I came out of the woods with Addie, her whole family ran to her. They all gave her a big hug and told her how worried they were. They also reminded her and Parker to always stay together and never go into the woods alone.

Paul and Uffda joined us and Addie's parents thanked all of us for our help and for finding their daughter. Bob looked at me and said, "Hunter, you did a good job." Then I was rewarded with my favorite toy - a green tennis ball. "Great job, Hunter! Let's go home."

***Do you know how Hunter and Uffda search for lost kids?
Use the answers in front of Hunter to fill in the blanks.***

Hunter is a search and rescue dog.

Hunter uses his eyes, ears and nose to find you if you get lost.

Sometimes Hunter's nose is up in the air when he is searching for someone.

Sometimes Uffda's nose is to the ground when she is trailing a lost person.

At night, Hunter wears a bright light to see in the dark.

Hunter gives an alert to his handler to say he found someone.

Hunter's alert might be a bark alert.

If you get lost, it's important to sit and stay where you are until help comes.

As a trailing dog, Uffda smells for your shed skin cells with her nose.

Call out for help so SAR dogs and handlers can hear you.

On a search, Hunter wears an orange safety vest.

SAR dogs are your friend.

ANSWERS

air	handler	rescue
bark	help	search
ears	Hunter	sit
eyes	light	stay
friend	nose	trailing
ground	orange	up



Visit me at my website
kids.jcsda.com
to learn more about
search and rescue dogs!

I have lots of fun
pictures of SAR Dogs,
plus stickers,
iron-ons,
coloring
pages, and
you can
even make
your own card-
board Hunter. Hope to
see you soon!



HUNTER'S WILDERNESS TIPS

I really like my job as a Search And Rescue Dog, but being lost is not fun and it is very serious. It's a big place out there, so it's important to know what to do so you can stay safe. Here are a few tips so you can always be ready before going into the wilderness.

- ✓ **Fill out the "ID is Me" page in this book.** It's all about you, so if you get lost, rescuers have a full description.
- ✓ **Tell your parents where you are going.** Even if you're with friends, tell an adult where you're going so nobody worries.
- ✓ **Never go off alone - use the Buddy System.**
Take a friend with you wherever you go.
Two heads are always better than one.
If you forget what to do, your buddy might remember. You will always feel safer when you are with someone - and it's more fun!



- ✓ **Wear bright color clothes.** Make it easy to be seen if you get lost. Don't wear green or dark colors. Wear red, yellow or something really bright so you're easy to see in the woods.
- ✓ **Carry a trash bag and whistle on a picnic, a hike or a camping trip.**
A plastic bag is good for keeping you warm. Blowing a whistle is much easier to hear than your voice - and it's a lot louder, too.



If you do get lost, here are some important things to remember.

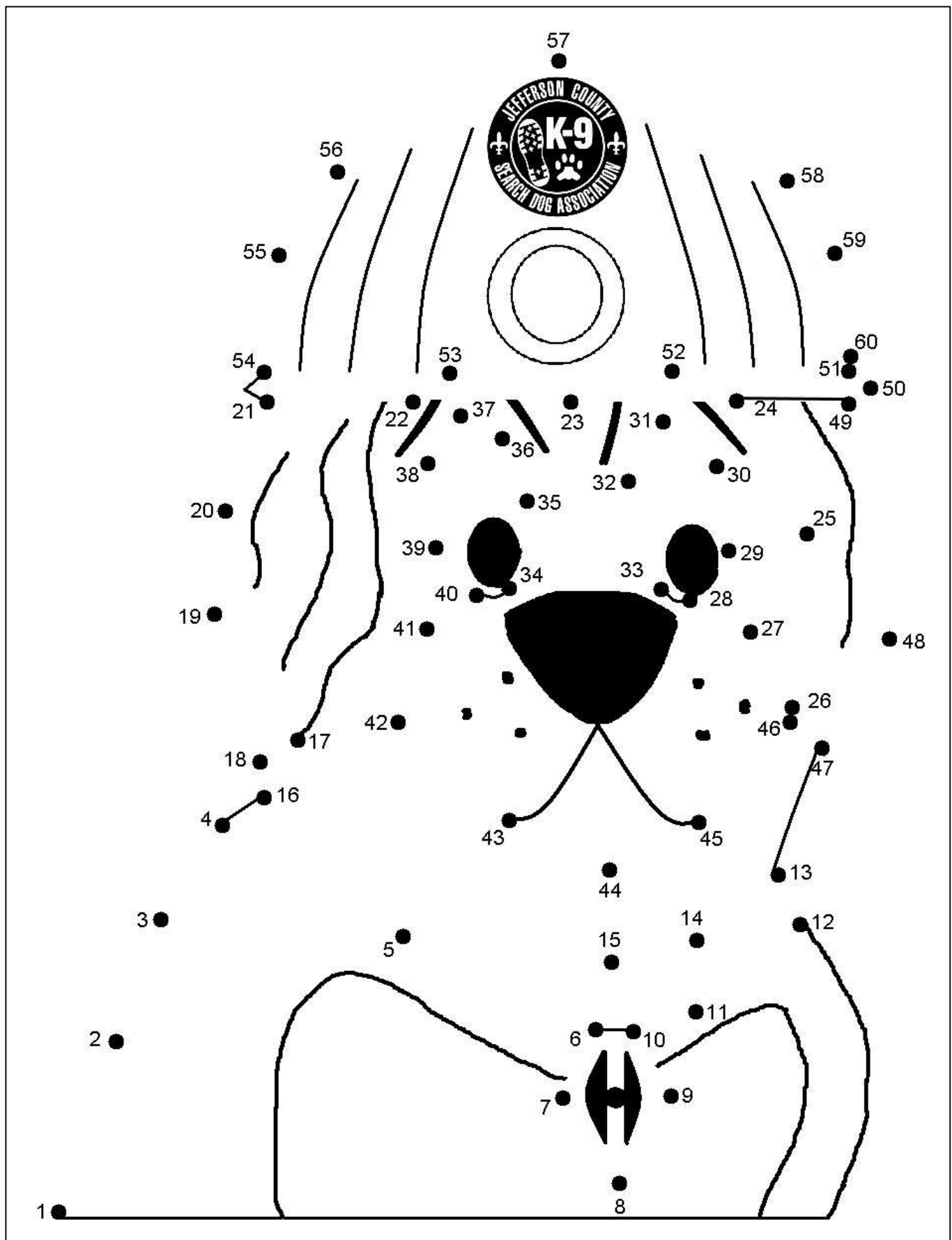
- ✓ **Sit and stay if you get lost in the woods.** Just remember, Hunter sits and stays before going on a search. When you sit and stay in one place, it's easier for the rescue party to find you.
- ✓ **Keep warm and dry.** Stay out of water and keep dry. If you have a coat and gloves, keep them on. If your hands start getting cold, put them under your arms to keep them warm. If you have a plastic bag, wrap it around you and it will keep you warm.
- ✓ **Always answer when someone yells for you.** Let people know where you are. **When you hear someone calling you, yell back as loudly as you can to let them know where you are.**
If you have that whistle, use it and blow it a lot. You are much easier to find when you can be heard.



- ✓ **Make yourself look big.** It's hard to see you from above, like from a search helicopter, if you're standing. Find a tree in an open area. Lay down when the helicopter flies over. Make crosses or write "SOS" by using rocks or branches. You can even drag your foot in the dirt to write.
- ✓ **Be Brave.** People are looking for you. Don't be afraid of the animals in the forest. They won't hurt you if you leave them alone. Animals may want to sniff you, but don't hit at them or throw things at them. Scared animals will protect themselves and could bite.
- ✓ **Remember your parents will not punish you for getting lost.** Your parents love you and want you back. You won't get punished because you were lost. Your parents are very worried about you and want you to be safe. Let the search team know where you are. They want to help you get back home, but you need to help them, too. Help them see and hear you!



*When you're in the woods, it's important to always stay safe.
Always stay with your parents or friends and NEVER go off on your own.*



DRAW HUNTER - Start with number 1 at the lower left and draw a line to each number all the way to 60. When you're done, you will have a drawing of Hunter. Be sure to follow the numbers in order so the picture will look correct. Use a pencil so if you make a mistake you can erase without ruining the paper.



What's So SPECIAL About a SAR Dog's NOSE?

A dog's nose is very special. Have you ever noticed how wet and spongy a dog's nose is? That's so it can catch all the scents coming through the air. When we breathe through our nose we get air and smells at the same time through both our nostrils. Dogs can smell through each nostril separately. That helps them to know the direction of the smell's source. Canines can tell what's around them and from what direction something is coming.

As air enters a dog's nose, a small tissue divides the air into two folds. One is for breathing and the other is just for smelling. The second air flow enters into a region with 300 million receptor cells. Humans only have around 5 million of these cells, making the dog's nose much more sensitive to smells. We sometimes exhale through our nose, but usually exhale through our mouth. Dogs exhale through slits at the sides of their nose creating swirls of air that help dry odor molecules and allow odor concentration to build up over multiple sniffs. The brain area used to process those smells takes up more area in dogs than in humans, so dogs are able to learn different smells and remember them at one million times less than us. So if you could smell a hamburger cooking in a small room, a dog could smell that hamburger in a large stadium, know where it is and even know the ingredients.

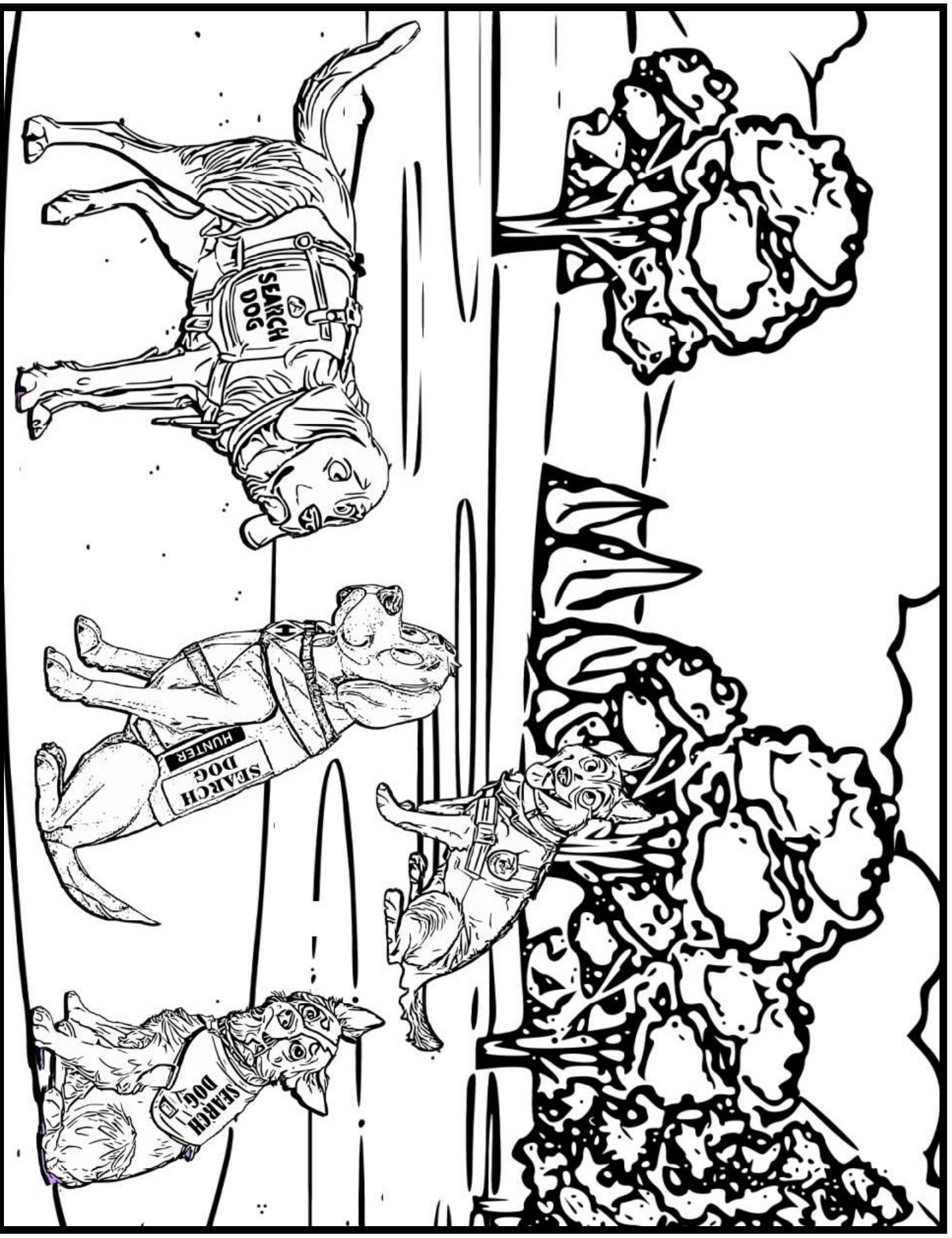
Everything a dog smells has a distinct odor profile. It tells him what it is, where it is and even the direction it's moving - a person standing behind them, a rotten apple in a garbage can outside, a box of chicken in the refrigerator, a tree outdoors and even the birds or a squirrel in that tree.



Bart & Josie

With training a dog can be taught to smell for certain things or people. The ability for dogs to smell for humans and be able to tell the difference between people and plants, animals or other smells is what makes the Search and Rescue Dog very special. With training the SAR Dog learns to give an alert when he picks up a scent and the handler learns how to read and understand his alert. That's how they work together as a team to find someone lost.

So now you know about a dog's nose and how SAR Dogs can do what they do so well.

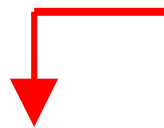


Hunter and the team wait patiently for their handlers before training.

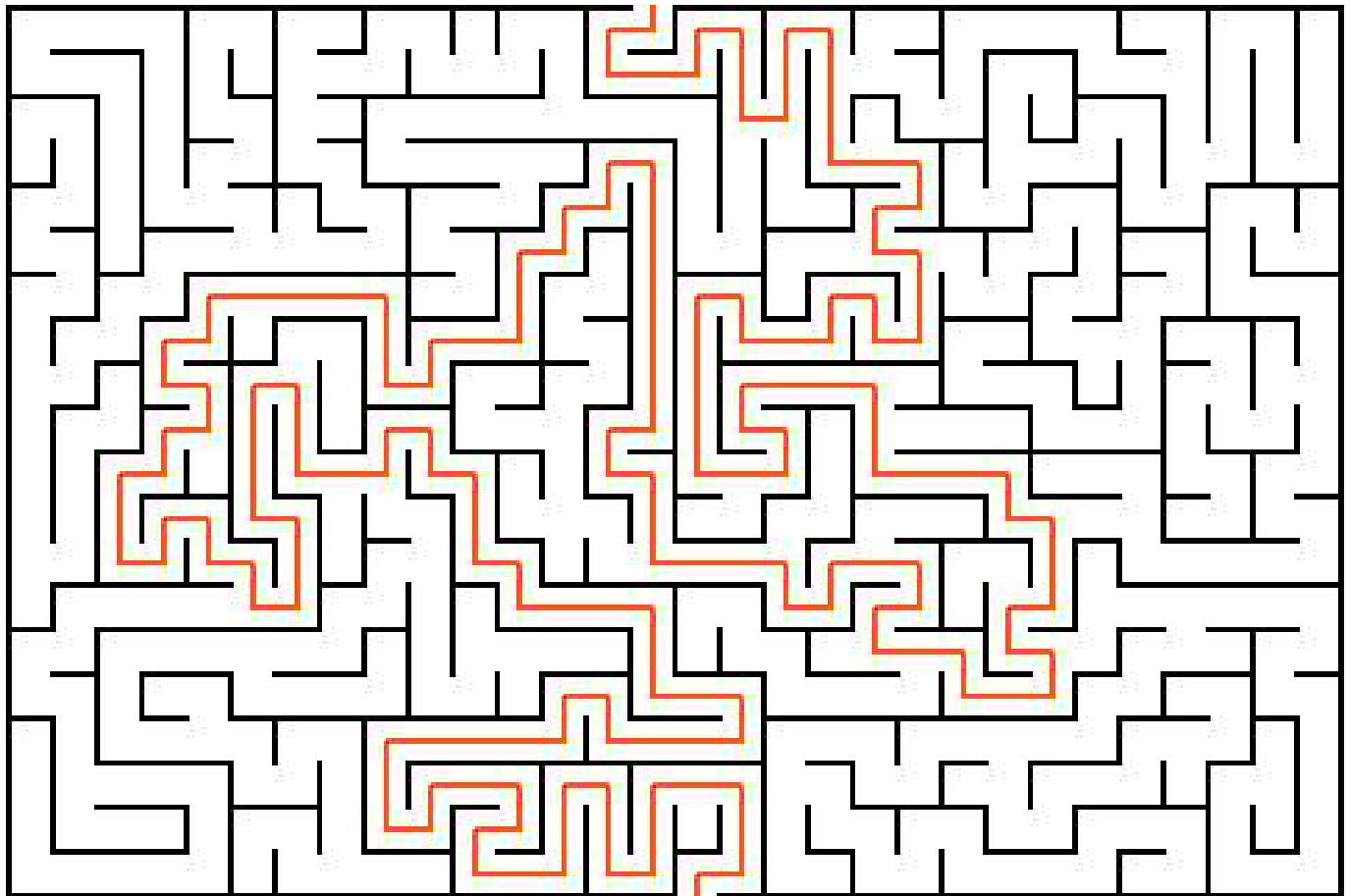


Search and Rescue Dogs train a lot. Part of their training is to take direction from their handler to get them through obstacles safely.

Your mission is to guide Hunter through the maze. It's tricky, so use a pencil in case you have to go back and erase.



Start here. When you get to the end, Hunter's reward is his favorite toy - a green tennis ball. Have fun!



Congratulations! You did a great job guiding Hunter through the maze. Now he gets to play with his favorite toy! Hunter thanks you for your help and for the great training through the obstacle maze.



Help Hunter find all the survival kit items that are hidden in the box below. The words can go across, up, down or diagonally. Words can also be forwards or backwards. Circle each item when you find it.



SURVIVAL KIT CONTENTS

ALL HAZARD PACK

BATTERIES
BLANKETS
CAN OPENER
CELLPHONE
CHARGER
FIRST AID KIT
FLASHLIGHT
FOOD
GAMES
HAND WIPES
HOUSE KEYS
HYGIENE PRODUCTS
IDENTIFICATION CARD
LIP BALM
MEDICAL SUPPLIES
MEDICATIONS
MONEY
MULTI PURPOSE TOOL
PERSONAL DOCUMENTS
PET SUPPLIES
SUNSCREEN
TRASH BAGS
TWO WAY RADIO
WATER
WEATHER RADIO
WHISTLE



Hazards

- a b c d e f building collapse
a c d f high and blinding winds
 d f* blinding snow
a c d e f downed power lines
 b c water over roads
a c d e f downed trees
 d f* hypothermia
a b c f blinding rain
a b c d e f power outages
a c d damaging hail
 b c fast rising storm drains
 d f* drifting snow
 c* d ice on roads and walkways

* In Winter

DISASTER PREPARADNESS

Weather Hazard Word Association

Do you know what hazards are caused by the weather? Match the hazards with the letter of the types of weather that can cause them. More than one type of weather may be used for your answers and the types of weather may be used more than once.

Weather

- A) TORNADOES
- B) FLASH FLOODS
- C) THUNDER
STORMS &
LIGHTNING
- D) SNOW AND
BLIZZARDS
- E) EARTHQUAKE
- F) HIGH WINDS

More Search And Rescue Dog Facts



What breeds can be SAR Dogs? We need to be able to climb stairs and ladders, be comfortable in the water and be able to walk around in the woods. Sometimes we even need to walk around damaged homes or climb over fallen trees and logs. That means smaller dogs just wouldn't be right for this job.

Bloodhounds, Newfoundlands, Labrador Retrievers, German Shepherds, Australian Shepherds, Rottweilers and mixed breeds make great SAR Dogs.

Other breeds like Border Collies, Boxers, Corgis, Dobermans, Golden Retrievers, Labradoodles (that's a Labrador and a Poodle mix), Malinois, Schnauzers, Tervuren, Australian Cattle Dogs and even Poodles can do great work, too! Dogs with traits for sporting, working and herding are the top picks. Of course our temperament - that's the way we act - is more important than our breed.



You might be wondering, "What kind of dog is Hunter?" I'm part Bulldog and part Chocolate Labrador Retriever. I'm a mixed breed and I guess some people might call me a mutt, but I've got lots of spirit to do the job and that's really important. Just like my handler Bob, I have to be calm in stressful and changing situations. We SAR Dogs also have to be agile, adaptable and can't be afraid of loud noises.

Remember, when you don't have your activity book you can visit kids.jcsda.com for Hunter's Search Dogs Kids Area. You can read more about SAR Dogs. Plus, there are lots of pictures of the team at events, working, training and just being cool. Join Hunter and all the Jefferson County Search Dog Association team on the web as we celebrate 25 years of community service.

- 🐾 Learn about SAR Dogs
- 🐾 Read about Hunter's Training
- 🐾 See SAR Dog Pictures
- 🐾 Learn Wilderness Safety
- 🐾 Get Hunter's Activity Book

Hunter's
Search Dogs
Kids Area





I.D. is ME

Please keep a recent photograph that could be released to law enforcement and the media if required.

MY INFORMATION

Name: _____
Nickname: _____
Name to call: _____
Home Address: _____
City: _____ State: _____ Zip: _____
Home Phone: (____) _____
Local Phone: (____) _____
Cell Phone: (____) _____

*PASTE
PHOTO
HERE*

PHYSICAL DESCRIPTION

Date of Birth: ____/____/____ Age: ____ Sex: ____ Race: ____
Height: ____ Weight: ____ Build: ____ Hair Color: ____
Hair Length: ____ Hair Style: ____ Eye Color: ____
Facial Features/Shape: ____ Complexion: ____
Marks/Scars: ____ General Appearance: ____

ACCESSORIES AND EQUIPMENT

<u>Item</u>	<u>Owns?</u>	<u>Missing?</u>	<u>Item</u>	<u>Owns?</u>	<u>Missing?</u>
Glasses	Yes ___ No ___	Yes ☐	Watch	Yes ___ No ___	Yes ☐
MP3/CD Player	Yes ___ No ___	Yes ☐	Jewelry	Yes ___ No ___	Yes ☐
Backpack/Bag	Yes ___ No ___	Yes ☐	Wallet/Purse	Yes ___ No ___	Yes ☐
Cell Phone	Yes ___ No ___	Yes ☐	Keys	Yes ___ No ___	Yes ☐

CONTACT INFORMATION (PERSON PROVIDING INFORMATION)

Last Name: _____ First Name: _____
Relationship to Child: _____
Home Street Address: _____
City: _____ State: _____ Zip Code: _____
Home Phone: (____) _____
Cell Phone: (____) _____
Pager: (____) _____
Work Phone: (____) _____

JCSDA Emergency Numbers
502 314-0061
502 969-9316

HUNTER'S SAFETY TEAM AWARD

 If there is an **EMERGENCY**, you will **BE READY!**

is officially **READY** for the unexpected!

You are now an official member of
HUNTER'S SAFETY TEAM

Hunter, the Search and Rescue Dog, congratulates you on completing the activities in this program to help you prepare for unexpected situations and how to stay safe!

IMPORTANT - Keep this certificate!
Your Emergency ID is on back.

