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DEPARTMENTS
HEADS UP

Think & Grin

2 36









The SL Guide for Cub
Lion and Tiger Adventures
Cub Scouts in kindergarten
Cool stuff to help you Be

Cool stuff to help you Be Prepared for Scout fun now and later.

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and first grade will go hiking,

biking and much more.



Welcome to the wonderful world of Cub Scouting. My name is Pedro, and I'm a Mailburro. What's a Mailburro? Why, I'm a burro that hauls the mail, of course!

I'm here to tell you about being a Cub Scout. We're going to have all kinds of fun!

This magazine is a tiny version of

the magazine I work for, Scout Life. You can get Scout Life mailed

to you 10 times a year. It will show you all the cool stuff you can do in Scouting. It's a great way to spend some of your time outside of school, and you'll have a blast. Ask your parents to subscribe to Scout Life today by going to scoutlife.org.subscribe-now/minimag. Use promo code minimag for a special introductory price.



Sign up for Cub Scouting, and you'll have fun playing with your friends and making new ones. (Your parents will have fun, too, playing right along with you. Share this with them.)

So come on in and join Cub Scouts.

Our next meeting is right around the corner!

Find a location near you at **BeAScout.org!**

Parents: Learn more about Cub Scouting at go.scoutlife.org/cubscouts



(See those horseshoes? That's my official autograph!)



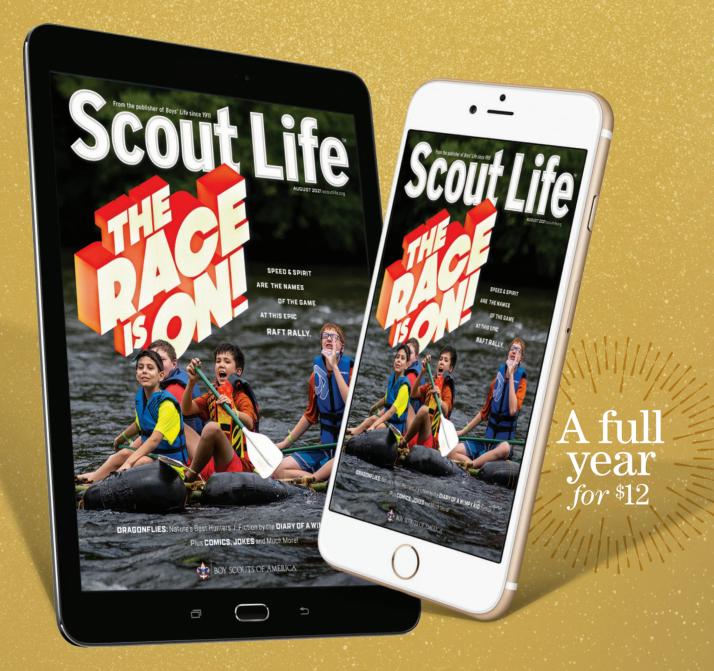
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TEPHEN GILPIN



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Kindergarten First Grade Second Grade Third Grade Fourth Grade Fifth Grade



All About Cub Scouts

Welcome to the best adventure of your life.

That's what Cub Scouts is: one big adventure. For you and your family.

Whether you're in kindergarten, fifth grade or any grade in between, Cub Scouts is a blast. You can learn to tie knots, set up a tent, and shoot a bow and arrow. You can cook a meal outdoors, go on a hike, and visit your local police and fire stations.

You'll play sports, do some crafts and learn how to eat healthily. And each time you complete a task or learn a new skill, you'll earn an award called an adventure loop.

Adventure loops are cool loops that attach to your belt. Cub Scouts in Webelos and Arrow of Light dens earn adventure pins that attach to their uniform or cap. The older you get and the more you accomplish, the more adventure loops and pins you'll earn.

Complete enough adventures and you will earn your rank patch, like the ones pictured above.

Are you ready? Hold on tightly. Your next adventure is about to begin!



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All Cub Scouts learn the Scout Oath:

On my honor I will do my best to do my duty to God and my country and to obey the Scout Law; to help other people at all times; to keep myself physically strong, mentally awake and morally straight.





All Cub Scouts also learn the Scout Law:

A Scout is trustworthy, loyal, helpful, friendly, courteous, kind, obedient, cheerful, thrifty, brave, clean and reverent.



Fun on the Run

Staying healthy is fun. Real lions in the wild stay healthy by eating well and getting plenty of rest and exercise. A Lion Scout can do the same thing!

As a Lion, you'll learn three exercises you can do each day to help you stay healthy. You'll also learn how eating healthy snacks and getting plenty of rest is good for you.

Lions do other fun things, too. At one meeting, you'll make new friends.

At another, you'll go outside and participate in a field day.

You'll get to meet people who provide a service in your community, like a police officer or firefighter. Then you'll get to provide a service yourself, maybe by planting a plant or picking up trash.

Being a Lion is great. By the end of the year, everyone will be able to hear you roar!



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The longer you stay in Cub Scouts, the more fun stuff you get to do. As you get older, you'll advance through each of the ranks with your friends.

Wolves are in the second grade, and they get to do more hiking and camping. And while they're outside, they'll learn how to keep themselves safe by knowing what to do in case of an emergency.

Wolves might also learn about dinosaurs, make a map of their hometown or learn how to identify wild animals.



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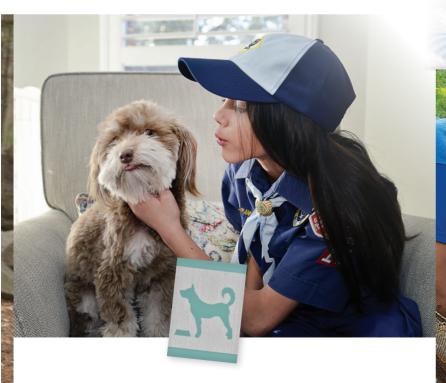


A Bear Adventure:

Bear Claws

Bears are in the third grade, and they get to learn how to use a pocketknife! Don't worry: You'll get lots of practice before you start carving for real.

Bears also learn how to observe animals in the wild. They might learn how to use all kinds of different hand tools, how to catch a fish or how to take care of a pet.





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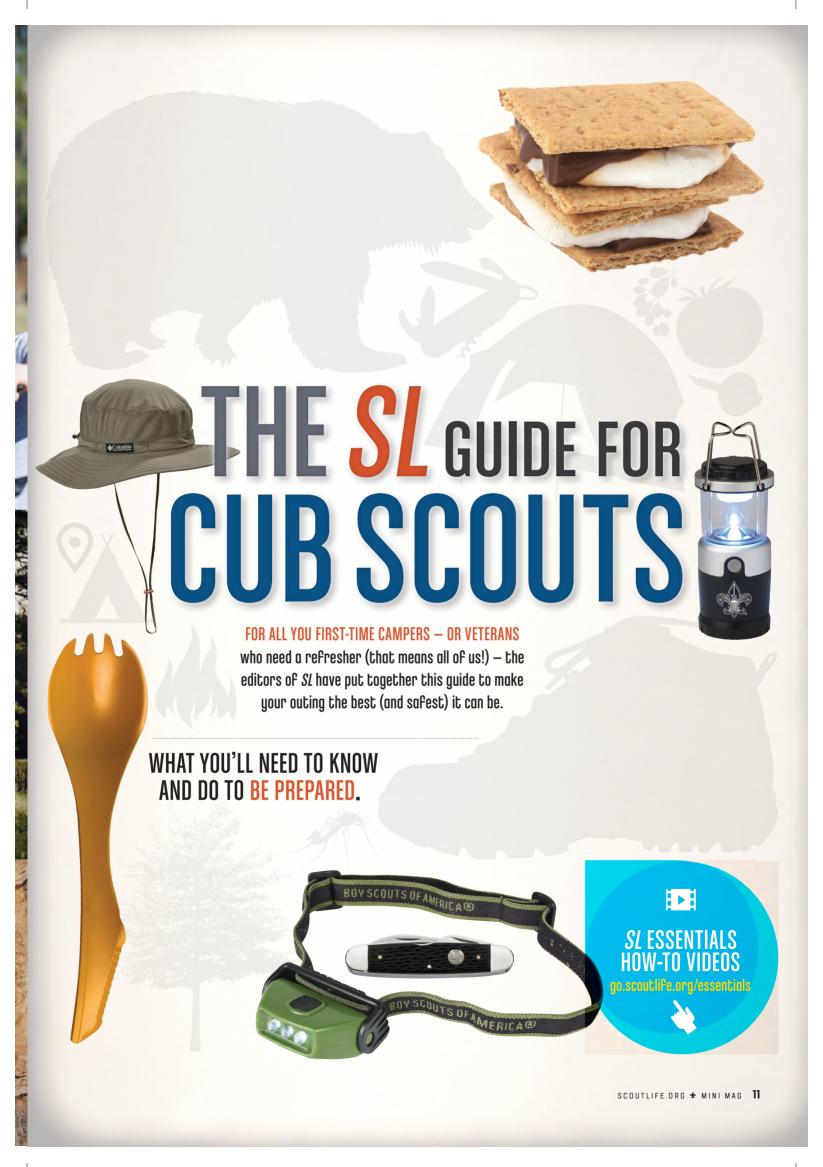
Outdoor Adventurer

Webelos Scouts are in fourth or fifth grade, and they get to do all kinds of amazing stuff. From first aid to cooking food outdoors to learning the best ways to get exercise,





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- A First-aid kit can be a lifesaver, Literally.
- Water can prevent dehydration, heat exhaustion and heatstroke.
- A **Flashlight** is important for finding your way in the dark. (Make sure it has fresh batteries.)
- Trail Food is good For maintaining your energy.
- Sun protection might include sunblock, sunglasses, lip balm and a wide-brimmed hat.
- A whistle is a good way to call for help if you're lost.
 Don't use it for fun! Only in case of emergency.

FOR LONGER ADVENTURES IN THE OUTDOORS, ADD THESE TO YOUR GEAR LIST:

- **Extra clothing** to match the weather. Multiple layers are better than a single massive jacket, because layered clothing is adaptable to a wider range of temperatures.
- Rain gear is very important. Being wet From rain might result in hypothermia, a potentially dangerous condition.
- A pocketknife or multitool can be handy in a wide variety of situations. Don't Forget to First earn your Whittling Chip (For older Cub Scouts) or Totin' Chip (For Scouts BSA members).
- A map and compass are probably the most important tools you can carry in case you get lost.



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BASIC EXERCISES TO HELP YOU STAY IN SHAPE.

- Walk or jog For 30 minutes a day at least three days a week.
- On other days, work in some jumping jacks, jump rope, and pushups, pullups and situps.
- Mix up your workouts with swimming, cycling, weights or even Full-court basketball. It doesn't matter which activity you choose. Just get active.

>

FOR MORE, VISIT

go.scoutlife.org/slgym





Don't forget to warm up and cool down.

At the start of your workout, jog in place or do some jumping jacks to get your blood flowing. After your workout, cool down with some gentle stretching. Don't give up. Working out isn't supposed to be

easy. To get in really good shape, you need to push yourself. Keep going as long as you can while

maintaining good Form.

Get advice From people who know what they're doing. Talk to a trusted coach or other knowledgeable adult about how to



SURVIVE THE SURVIV



BEFORE YOU GO:

- Tell someone where you're going
- Build a survival kit: a heavy-duty large orange plastic trash bag, metal match with scraper, plastic whistle and glass signal mirror.

Quick Tip

FOLLOW THE RULE OF FOUR

One rule Scouts should always Pollow is the "rule of Pour." Have you ever heard of it? It's simple. Every party that travels off the beaten path should contain a minimum of Pour people. That way, if one person Palls or is involved in some other accident, one person can take care of the injured person while two hike out for help.

IF YOU'RE LOST:

Stop moving around.

Sit For at least 30 minutes.

- Think about what needs to be done.
- Observe your surroundings.
 Make yourself big –
- Plan a course of action and implement it.

- Maintain normal body temperature.
- Hydrate or die. Drink Fluid regularly.
- Start a fire.
- Make yourself big —
 use your signal mirror, send
 smoke signals anything.

ENERGENCY
SHELTER WONDER WHY THE ORANGE PLASTIC BAG IS SUGGESTED ABOVE?



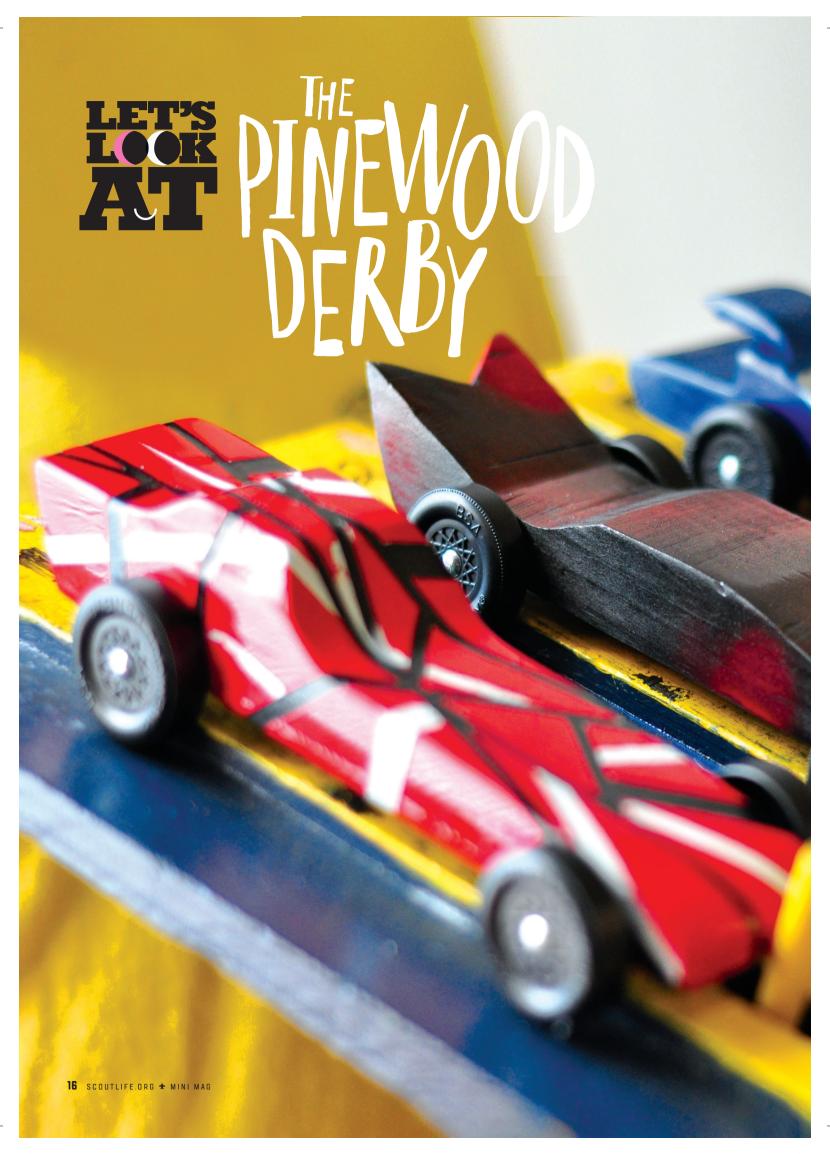
It's o

65 inches. Cut a hole for your face, crawl inside and hunker down for the night. It might not look pretty, but it's lightweight, packable, cheap and will stop wind, rain and cold — and could save your life.

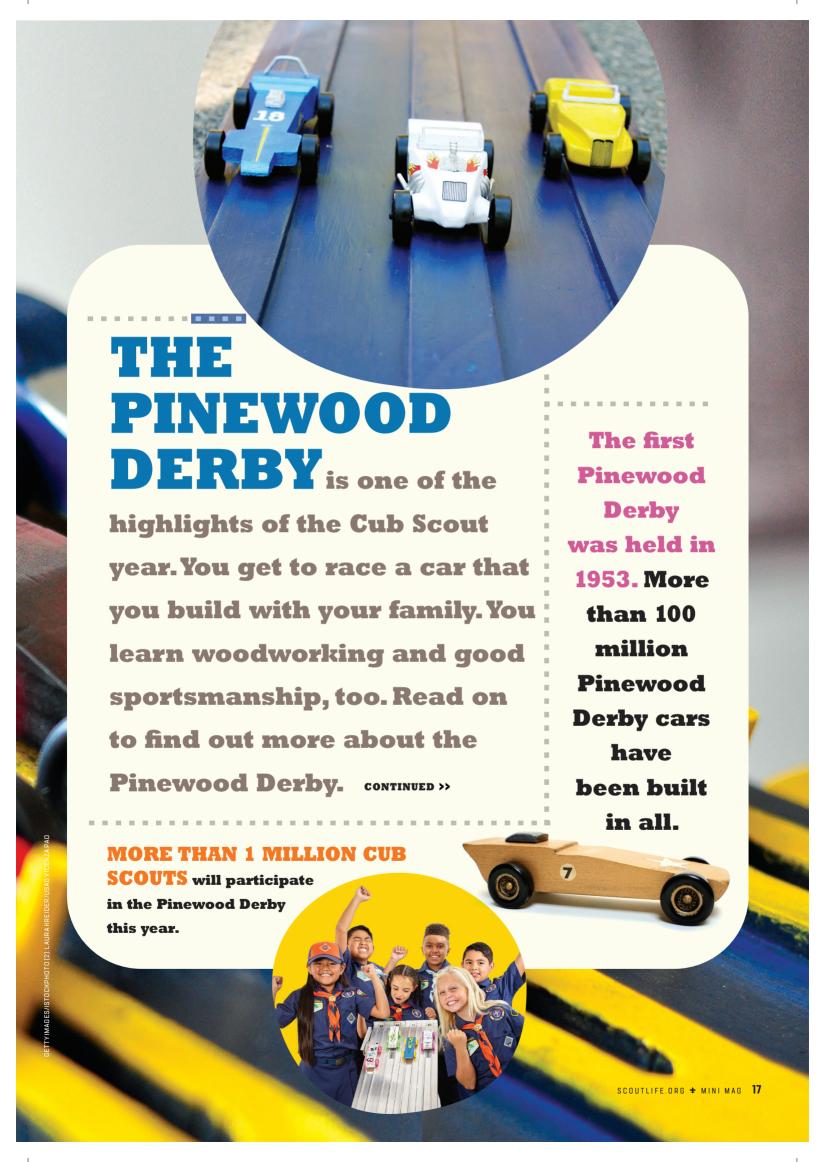
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Correctly answer these three true-or-false questions to be eligible to win one of five Nintendo Switch™ Lite handheld devices. Enter online or mail in your completed form.

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- Badge Magic® is a powerful peel-and-stick adhesive.
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- Badge Magic® is so strong, your patches will stay on even when washed!
- Badge Magic[®] has been tested on all official BSA uniform fabrics, patch vests and blankets.

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★ It's so easy that Scouts can apply their own badges like magic!! ★ (or beg Mom to do it for them)

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Badge Magic is so easy to use that Scouts can put on their own patches. Award badges can be attached immediately instead of finding their way into a drawer where they might be forgotten until the last minute.

Badge Magic® may be purchased at your local Scout shop and has been tested on all official BSA uniform fabrics, patch vests and blankets.

Visit badgemagic.com to see the full line of kits for every level of Scouting. You will also find instructional videos, official uniform guides, and other tips and tricks suggested by **Badge** Wagic® users. Made by Scouters for Scouters. It's like Magic!

No purchase necessary. Contest begins at midnight CDT 7/01/21 and ends at 11:59 pm CST 12/31/21. Void where prohibited. Odds of winning depend on the number of eligible entries received. Many will enter, 5 will win a Nintendo Switch™ Lite handheld device. Color may vary. MSRP S199.99 per prize. Prize is not transferable for cash. Sponsor reserves the right to substitute a prize of equal or greater value in the event of unavailability. Names and addresses will be used only for the purposes of selecting winners and will be disposed of at contest end. Sponsor reserves the right to release the first name, first initial of last name, city and state of the winners. All personal information will be securely disposed of following the contest end. Sponsor is not responsible for late, lost, illegible, incomplete or misdirected entries. Boy Scouts of America, Scout Life magazine and Badge Magic[®] accept no liability or responsibility in connection with any injuries, losses or damages of any kind caused by or resulting from the acceptance, possession or use of any prize awarded. The trade dress of the Cub Scout uniform is a registered trademark of Boy Scouts of America. Used with permission, Copyright 2021.

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PLAY BY THE RULES Check the rules for your Pinewood Derby race to make sure these super-sciency techniques are allowed. DON'T CHEAT!

The Science of the DINEWOOD A

Mark Rober
ILLUSTRATIONS BY
Adam Nickel

A former NASA engineer explains how you can use science to succeed at your next Pinewood Derby.



MEET MARK

ark Rober worked as a mechanical engineer at NASA for nine years. During this time, he worked on Curiosity, a carsized robot that left Earth in 2011, landed on Mars in 2012, and has been exploring, conducting experiments and sending back pictures ever since. Now Mark makes cool science-related videos.

or seven years, I worked on the Mars Curiosity rover at NASA. It is just like a Pinewood Derby car, except it has six wheels, it's nuclear-powered and it shoots lasers.

My Cub Scout son and I decided we would take the science principles I used while building stuff for NASA and apply them to making his derby car. Here are the seven most important steps for making the fastest car possible.

SEVEN KEY STEPS

(in order of importance)



1. MAX OUT YOUR CAR'S WEIGHT at 5 ounces and make sure the heaviest part is about 1 inch in front of the rear axle. This is the most important step. Science shows if you do this correctly, you will beat a car built exactly the same — except with the weight toward its front — by 4.6 car lengths. It works because the farther back the weight is, the more potential energy you have since your center of mass is higher up on the track. (Don't put it too far back or your car will become unstable and pop a wheelie.)

2. USE LIGHTWEIGHT WHEELS. This is illegal in some races,

but if it's not in yours, this is a must-do step that will give you a 2.1-car-length advantage at the finish line versus a car with normal wheels. It works because heavy wheels take away from the kinetic energy (the energy something has due to its motion), which makes the car slower.



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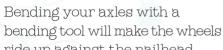
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FOR MORE INFO ON THE SCIENCE OF THE PINEWOOD DERBY, AND FOR A VIDEO OF MARK SHOWING HOW TO USE SCIENCE TO MAKE A SUPERFAST PINEWOOD DERBY CAR, VISIT go.scoutlife.org/derbyscience



4. RAILRIDE. Railriding means you steer your car into the center guide track just enough that you keep the car from bouncing around. This helps reduce friction and saves energy for speed. (Grab a trusted adult and search the internet for instructional videos on how to make your car a railrider.)



3. USE BENT POLISHED AXLES

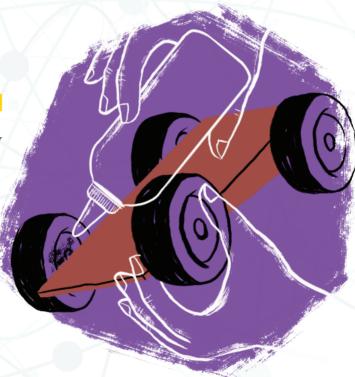
ride up against the nailhead, which creates less friction than if the wheel is bouncing around and rubbing against the wooden car body.



5. CREATE A CAR THAT IS REASONABLY AERODYNAMIC, meaning its design cuts down on drag caused by air. No need to get crazy here, but simply having a wedge-shaped car instead of the standard block out of the box will equal a 1.4-car-length advantage at the finish line.

6. RIDE ON THREE WHEELS by raising one wheel off the track. (Check the rules to make sure this is allowed in your race.) You will move faster if you have to get only three wheels rotating, giving you a 1.1-car-length advantage over an identical car riding on four wheels.





7. USE LOTS OF GRAPHITE.

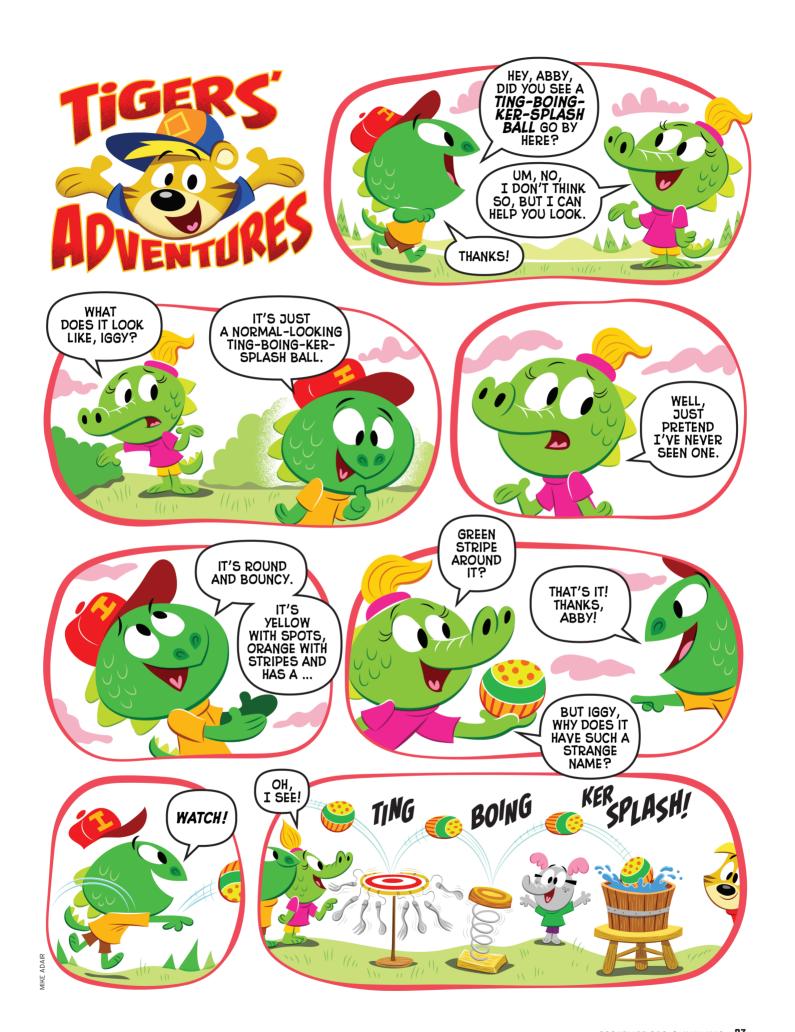
There isn't a big difference in types of graphite, so buy the cheap stuff and use as much as possible. Be sure to get plenty around each wheel and on the axle.

IT WORKS! After my research, my son and I wanted to do one final test to prove this is a good list. So we built a simple car using this list in 45 minutes, and we beat the fastest car in our local race by two car lengths. **TURNS OUT, SCIENCE WORKS!**

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WOLF GANG "TOASTING TIPS"





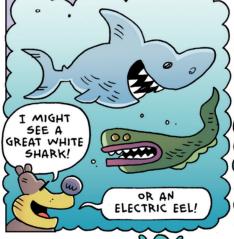


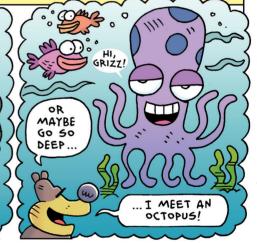






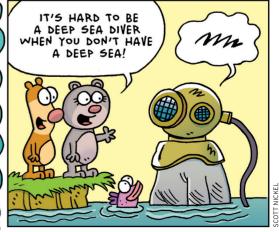








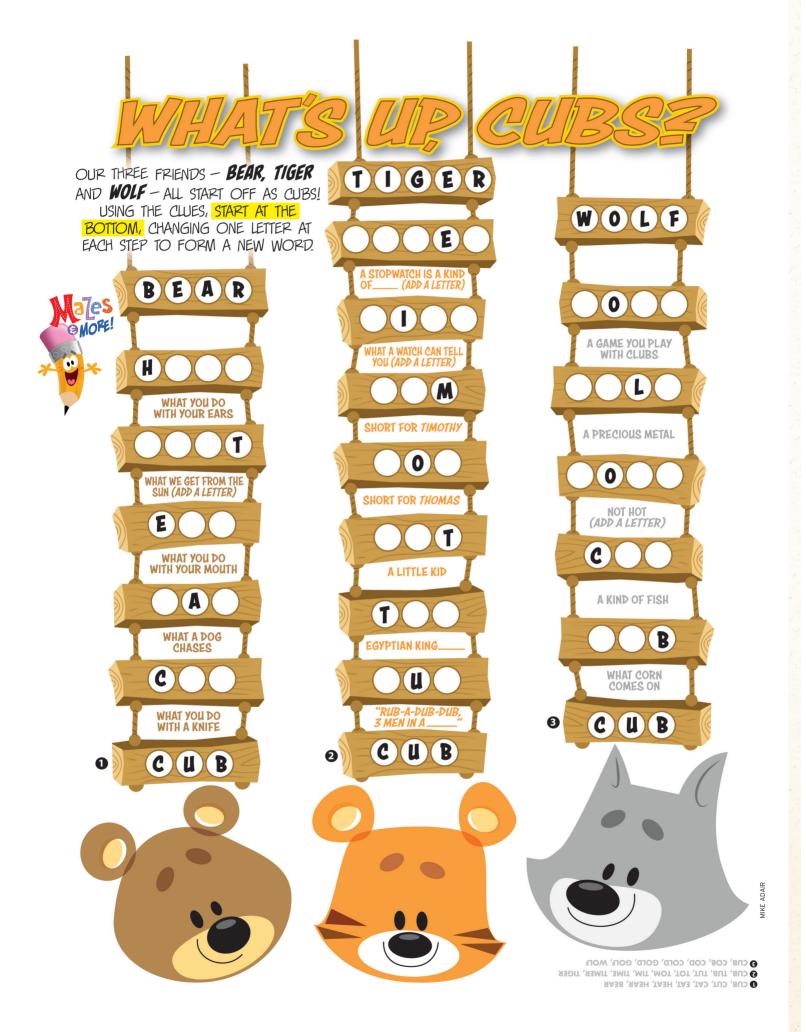




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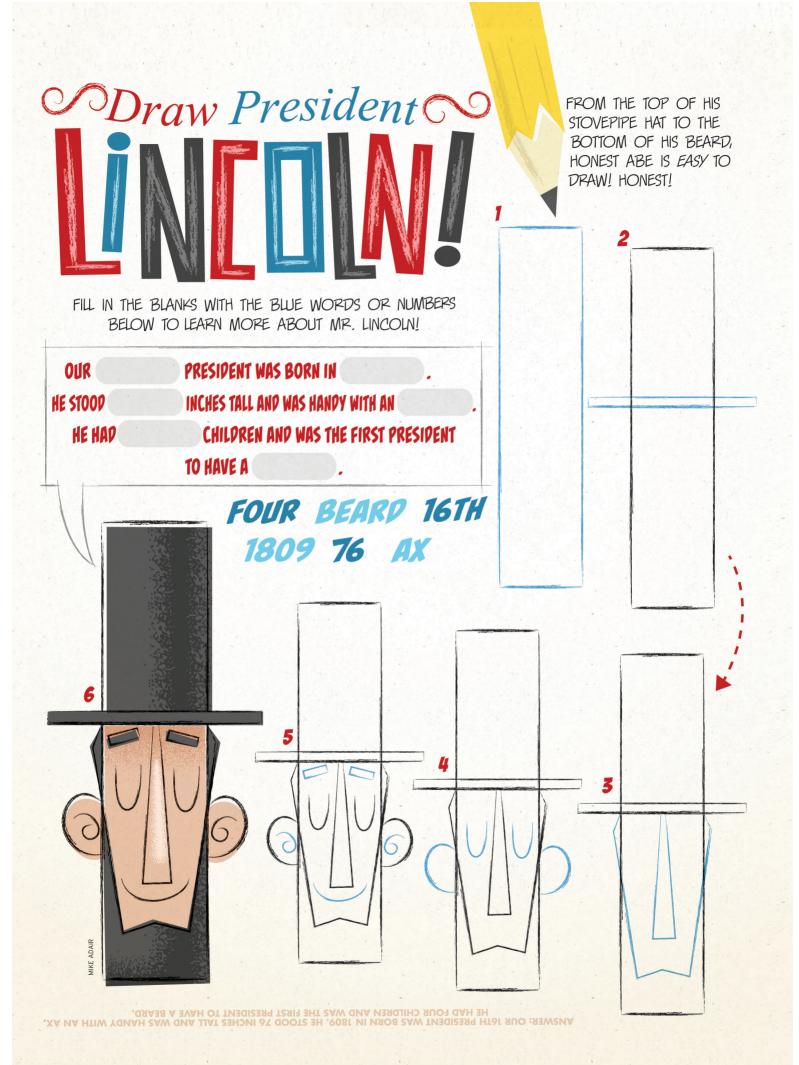


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MIKE ADAIR

Dink, Duff & Deaf



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"Scouts In Action" subjects come from the National BSA Court of Honor. If you know of an act of heroism that should be recognized, contact your local BSA council office for a lifesaving or meritorious award application. Note: Consult approved safety guidelines, as actions depicted here may not precisely follow standard procedures.

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The Wacky Adventures of

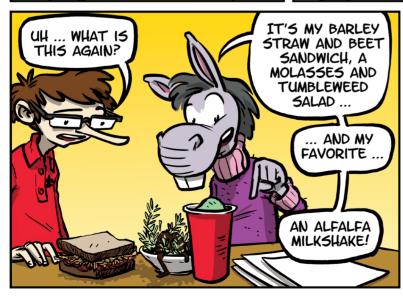
















HOW TO MAKE IT

DUCT-TAPE WALLET



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START



STEP 1: Cut four strips of duct tape, each 9 inches long. With the adhesive side up, stick the duct-tape strips to one another in a row, with a 1/4" overlap.



STEP 2: Make a second sheet.

Carefully stick the adhesive sides of the two duct-tape sheets together, lining up the edges.



STEP 3: Cut another 9" strip of duct tape. Use a utility knife or scissors to make a small cut in the center of one end of the duct tape. Tear the strip into two straight 1" strips.



STEP 4: Fold and adhere the 1" ducttape strips to the 9" ends of the sheet. This will make a smooth, clean finished edge.



STEP 5: Using the scissors or utility knife, trim the sides of the sheet, making it $8\,^{1}/_{2}$ " wide.



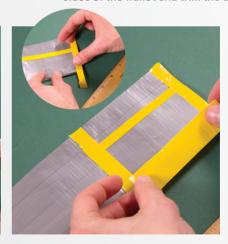
STEP 6: Fold the sheet in half. Tear two 1-by-4-inch duct-tape strips and attach one to each end. Fold them over the sides of the wallet and trim the excess.



STEP 7: To make a smaller pocket for cards, cut two strips of tape each 5" long and stick the two pieces (adhesive sides) together.



STEP 8: Fold and adhere a 1" strip onto the 5" edge. Trim the pocket to 4" long.



STEP 9: Using 1/2" strips of duct tape, stick the pocket in place as shown above. Trim the strips flush. Your duct-tape wallet is complete! *

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Charles: Do you want to hear a

joke about cattle?

Jay: Sure.

Charles: Never mind. You've probably already herd it.

- Charles L., Clarksburg, West Virginia



MANAN: How many feet are in a yard?

ZEKE: How many?

MANAN: It depends on how many people are standing in it.

\$10 to Manan S., Edison, New Jersey

A PUNNY BOOK: The Art of Giving by B Stowe Kai L., League City, Texas



JAY: What is a sheep's favorite sports car?

BARRY: No clue JAY: A lamb-orghini.



A PAIR OF RIPPED PANTS: THAT'S
YOUR SUPERHERO
COSTUME? DUDE,

PARWAAN: I'm trying to think of a new drum joke.

HRITVIK: How's it going? PARWAAN: Beats me.

Parwaan V., San Ramon, California

Sean: Can a match box? Mom: I don't know. Sean: No. But a tin can.

Sean P., Manchester, Connecticut

SAM: What do you get when you cross a rabbit and a snake?

MICHAEL: I don't know

SAM: A jump rope.

Bobby G., Davis, California

ANDREW: What becomes infinitely bigger when you turn it on its side?

MATTHEW: What? ANDREW:: The number eight.

Andrew T., Allen, Texas

a tree? **Jacob: Because** they're so good at it? Andrew: No.

Andrew: Why

can you never

hiding behind

see a mammoth

Because they're extinct.

Andrew T., Allen, Texas



Actually, I only got into therapy so I could get on the couch.

Andrew: Dave's father has three sons. Snap, Crackle and who? **James: Pop?** Andrew: No. Dave.

Andrew T., Allen, Texas

ELI: What does an elephant wear to the beach? JONAH: What?

ELI: Swimming trunks.

Eli B., Bainbridge Island, Washington

MANAN: Why do we tell actors to break a leg? FRANK: Why?

MANAN: Every play needs a cast.

Manan S., Edison, New Jersey

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Sally: Why do witches fly on broomsticks?
Connie: Tell me.
Sally: Because vacuum cleaners are too heavy.
Brandon B., Napoleon, Ohio

LUKE: What did the baseball mitt say to the baseball?

JAKE: I don't know. **LUKE:** "Catch you later!" Divyanshu P., Sterling, Virginia

GUS

Santana: Why aren't dogs good dancers?

Jules: Why? Santana: Because they have two left feet.

Santana W., San Antonio, Texas



A PUNNY BOOK: Wild Animals by Kai Otee. Hudson F., Andover, Massachusetts



ANDREW: What are the strongest days of the week?

DANIEL: Tell me.

ANDREW: Saturday and Sunday. The others are weekdays.

Andrew S., South Ogden, Utah

Two atoms are walking down the street when the first one exclaims, "I just dropped an electron!"
"Oh, no," says the second. "Are you sure?"

"I'm positive."

Jared I., Portland, Oregon

JACK: What do you call a car that likes water?

BRIAN: I don't know. JACK: A Scubaru. Brian W., Richardson, Texas

Like my new scented candle? It's called "Expensive Leather Shoes."



LUKE: How do you stop a skunk from smelling?

NEAL: Give it a bath? **LUKE:** Hold its nose.

Neal R., Oak Ridge, North Carolina 💠



anger (

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I say, sir, have you seen a black

and white cat around here?



),

CO

Busino

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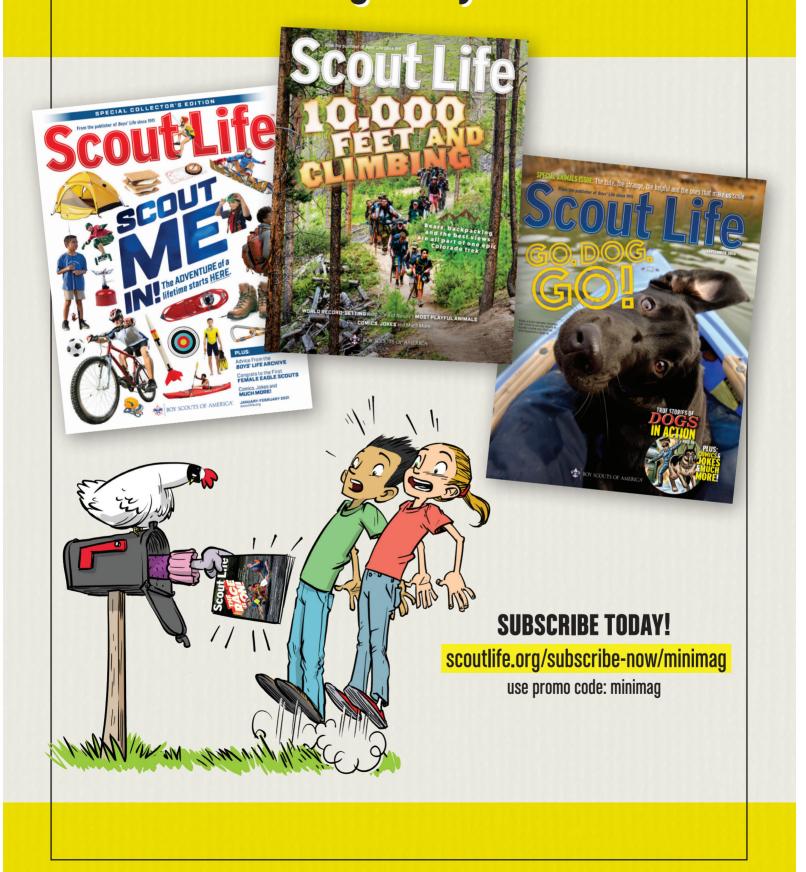
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PLEASE RECYCLE OR PASS US ALONG!

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