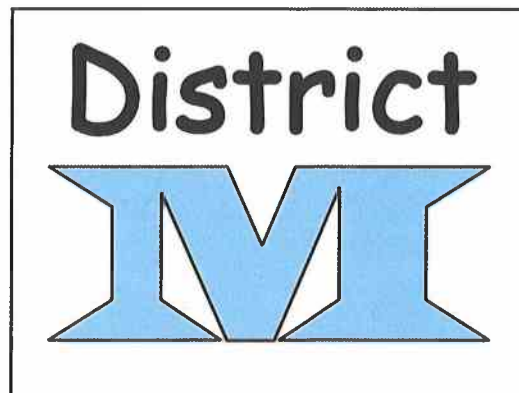




A Guide to Virtual Cub Scouting



Conducting Virtual Pack Meetings

What technology will you use?

The first piece of the virtual puzzle is to choose the right online conferencing tool for your unit. Zoom seems to be the platform of choice for most of our units. You don't need a subscription if you are willing to stay within the 40-minute limit of the free version – and that is more time than you will need!

NOTE: Any time that you have a Zoom or virtual meeting, you must have 2 youth protection trained leaders/parents present and visible; when the meeting includes girls, one of the two adults must be a female leader/parent.

Will you go “live” or pre-record?

Decide whether you are going to have “live” pack meetings or whether you will have pre-recorded YouTube meetings. And decide how frequently you will have these meetings.

A “live” pack meeting will happen on Zoom (or a similar platform) and allows for interaction through the chat feature, the Reactions button, and so on. The challenge will be to keep all the Scouts focused across the age-span that is your pack.

Some packs have pre-recorded the pack meeting (about 20 minutes in length) and then posted it on YouTube. Each family then watches the pack meeting at their convenience. The meeting can include specific activities during the time they are watching but can also challenge the families to a Scout-related activity. When they have watched and completed the project they report to the Cubmaster and the Scout gets credit for attendance and the advancement related project.

What will you include?

Determine the general content of your virtual pack meetings (Opening Ceremony with Pledge of Allegiance, Scout Oath, and Scout Law, core content, advancement challenges, etc.). **Keep it simple, keep it fun – and keep it short!** You can also consider the visual background that you will use to focus and create interest or a general digital theme for your virtual presentations.

How will you get the Scouts involved?

A normal pack meeting is boisterous and fun. Your virtual meeting needs to achieve the same kind of engagement and interaction. You can use the tools available in Zoom or create similar activity in a pre-recorded meeting.

And then have some fun -- how about

- **A knot-Tying Challenge**
- **Cubmaster 20 Questions** (ask anything they want about Scouting)
- **Camp Charades**
- **Handwashing Demonstration**
- **Putting Up a Tent Demonstration or Challenge**
- **Virtual Hike or Scavenger Hunt**
- **Talent Show**
- **Or**

How will you guide the Scouts through their advancement?

It's more important right now than ever to keep your Scouts interested and engaged. **Challenge your Scouts** to complete requirements at home, let the parents know that they can submit advancement for approval through ScoutBook, and even consider a prize or special recognition for those who commit to making the most of their time at home.

How will you present advancement awards?

You won't have a traditional awards ceremony in a virtual meeting but it's still important to **acknowledge the Scouts** who have earned loops, pins, and special awards in the last month. You can't present the physical award but you can hold up an enlarged picture of what the Scout has earned.

How long should the pack meeting last?

A free Zoom membership allows up to 100 attendees and 40 minutes of meeting time. It's hard enough getting Scouts to hang in there for a full hour in person . . . 40 minutes will be more than enough time to complete a virtual meeting - 20-30 is probably optimal. Remember: **Keep it short and sweet!**

And **Keep it positive!** Your Scouts are getting bombarded by heavy, upsetting information from all sides right now. Your pack meeting should be a safe place for upbeat conversation, celebration, and friendship. There's absolutely nothing you can add to the global conversation that your families haven't already heard a million times. And steer clear of pointing out how isolated we all may be feeling right now.

Make it about community and connection and it will be a pack meeting to remember!

Conducting Virtual Den Meetings

Much of the information above also applies to Den meetings. However, typically it is much easier to manage a virtual Den meeting because of the smaller number of Scouts involved and because they are working at the same rank level. It is still important, however, to keep the length of the typical Den meeting no longer than 20-30 minutes.

Content will be guided by your Den meeting plan.

An excellent Den meeting tool can be found at <https://leaderpp.Scouting.org/login>. Use your my.Scouting login (or create a login) and find lots of helps. You can also get to this resource through Scoutbook. The weekly plans (under the Meetings tab) can be rearranged simply by clicking "Edit" and dragging them to create a personalized approach for your Den. You can keep records of advancement here as well (under the Roster tab). Parents can interact through their Scoutbook app. And there is much more that it can help you accomplish.

The **Advancing From Home** sheets for each Cub Scout rank found at the back of this booklet can be used with great effect. Use these or adapt them but keep your Scouts moving forward. Also, you will find **30-Day Challenge** sheets for each age level. These will need to be rearranged for the month that you choose but serve as creative examples and "starters" for your Den plans.

Lots of fun activities can be included in your Den meeting plans. An example of **Adventure Bingo** is included at the back. Or take a virtual tour of a national park, national monument, local museum, etc. You can Google the location you want to tour and many of them have virtual tours. Create a work sheet or report card that the Scouts complete with their observations from the tour.







You get the idea! **Be creative! And have fun!**

Youth Protection and Virtual Scouting

With the suspension of most in-person Scouting activities and the strong emphasis on the use of electronic and virtual technology for your pack, remember that Youth Protection Guidelines are still applicable to these electronic communications. This means that any email, text, social media messaging, and video conference must be done so no one-on-one contact exists between a Scout and an adult (non-family member). You must always include one other adult, preferably a parent/guardian or another unit leader, for all of these various forms of communication.



LOYAL LIONS CHALLENGE: Adventuring From Home

<p>Rumble in the Jungle</p> 	<p><u>Adventure Requirements:</u> Complete these requirements</p> <ol style="list-style-type: none">1. Play a game with rules; indicate an understanding of the rules and why it is important to follow the rules while playing the game.2. Choose a jungle animal that you would like to be; describe the animal and why you chose it. Participate in a parade with the other animals in your den. Communicate with other animals using your animal's sounds, both as loudly as you can and as softly as you can.
	<p><u>Ideas:</u> Did you play a game? What animal did you choose and why? Maybe you can make your own animal mask and have a parade with your siblings, pets, or stuffed animals? Can you roar loudly and softly? The Pack would LOVE to participate! Please share a video or pictures on our closed Facebook group and we'll roar along with you at home.</p>
<p>Build It Up, Knock It Down</p> 	<p><u>Adventure Requirements:</u> Complete requirements 4 of the following:</p> <ol style="list-style-type: none">1. Discuss with your family things that can be built and things that can be knocked down.2. Discus with your family how they can be built up and knocked down, not just physically but also emotionally.3. Build structures using available materials.
	<p><u>Ideas:</u> Did you know that the tallest structure in the world is the Burj Khalifa skyscraper in Dubai? It's 2,722 feet tall! Check out a virtual panorama from the top of the building on NationalGeographic.com. A Scout is Kind! Can you think of ways that Scouts can build others up emotionally? How many interesting materials can you use to build a tall tower?</p>
<p>Protect Yourself Rules</p> 	<p><u>Adventure Requirements:</u> Complete each of the following.</p> <ol style="list-style-type: none">1. Watch the "Protect Yourself" video lessons for this adventure.2. Identify the difference between a safe touch and an unsafe touch.3. With your adult partner, practice Shout, Run, and Tell.
	<p><u>Ideas:</u> Visit the Protect Yourself Rules Preview Adventure information page on Scouting.org for additional links and information.</p>



TERRIFIC TIGERS CHALLENGE: Adventuring From Home

Curiosity, Intrigue, and Magical Mysteries



Adventure Requirements: Complete requirements **1-2** and **one other**.

1. Do the following:
 - a. Learn a magic trick. Practice your magic trick so you can perform it in front of an audience.
 - b. Create an invitation to a magic show.
 - c. With your den or with your family, put on a magic show for an audience.
2. Spell your name using sign language, and spell your name in Braille.
3. Create a secret code. Share it with your family or den.
4. With the other Scouts in your den or with your family, crack a code that you did not create.
5. With the help of your parent, guardian, or other caring adult, conduct a science demonstration that shows how magic works and share what you learned from your science demonstration.



Ideas: Here's a cool [post by the Wikkistix blog](#) that teaches you how to write your name in Braille! The [Raising da Vinci blog](#) has 10 magic tricks that are really just science! Need an audience? Take and post a video of your magic trips to our closed Facebook group!

Tiger Theater



Adventure Requirements: Complete requirements **4** of the following:

1. With your family, discuss the following types of theater: puppet shows, reader's theater, and pantomime.
2. As a family, play a game of one-word charades.
3. Make a puppet to show your family or to display at a pack meeting.
4. Perform a simple reader's theater. Make a mask afterward to show what your character looks like.
5. Watch a play or attend a story time at a library.



Ideas: So, what's a readers theater? This is where your child reads parts of a script to tell a story. There are a lot of great tips and examples in this great [post by ReadingRockets.org](#). Do you need an audience? Take and post a video of your readers theater, puppet show, pantomime, and post it to our closed Facebook group!

Tiger Tales



Adventure Requirements: Complete requirements **4** of the following:

1. Create a tall tale with your family.
2. Create your own tall tale. Share your tale.
3. Read a tall tale with your parent, guardian, or other caring adult.
4. Create a piece of art from a scene in the tall tale you have read, using your choice of materials. Share it with your den.
5. Play a game from the past.
6. Sing two folk songs.
7. Visit a historical museum or landmark with your parent, guardian, or other caring adult.



Ideas: Hop over to YouTube and let the folks at Little Cozy Nook read you the [Pecos Bill Tall Tale](#). Your friends in the Pack would LOVE to hear your tall tales, so take and post a video to our closed Facebook group!

Protect Yourself Rules



Adventure Requirements: Complete **each** of the following.

1. Watch the "[Protect Yourself](#)" video lessons for this adventure.
2. Identify the difference between a safe touch and an unsafe touch.
3. With your adult partner, make a list of five trusted adults.
4. With your adult partner, practice Shout, Run, and Tell.



Ideas: Visit the [Protect Yourself Rules Preview Adventure information page on Scouting.org](#) for additional links and information.



WITTY WOLVES CHALLENGE: Adventuring From Home

Germ Alive!



Adventure Requirements: Complete **at least five** of the following:

1. Wash your hands while singing the “Happy Birthday” song.
2. Play Germ Magnet with your den or your family. Wash your hands afterward.
3. Conduct the sneeze demonstration.
4. Conduct the mucus demonstration with your den or family.
5. Grow a mold culture. At a den or pack meeting, show what formed.
6. Make a clean room chart, and do your chores for at least one week



Ideas: A Scout Is Clean, and right now is the perfect time to learn how YOU can help keep your family safe from sickness. Visit this [great post by the Cub Scout Ideas blog](#) to learn how to create slime, play the germ magnet game, and more! You can download this [Germ's Alive PowerPoint presentation](#) that we made to help you log your progress!

Air of the Wolf



Adventure Requirements: Complete **all** of the following:

1. Conduct **two** of the following investigations to see how air affects different objects:
 - a. Make a paper airplane and fly it five times. Try to make it fly farther by altering its shape. Fly it at least five more times to see if your changes were effective.
 - b. Make a balloon-powered sled or a balloon powered boat. Test your sled or boat with larger and smaller balloons.
 - c. Bounce a basketball that doesn't have enough air in it. Then bounce it when it has the right amount of air in it. Do each one 10 times. Describe how the ball bounces differently when the amount of air changes.
 - d. Roll a tire or ball that doesn't have enough air in it, and then roll it again with the right amount of air. Describe differences in how they move.
2. Complete **two** of the following:
 - a. With other members of your den, go outside and record the sounds you hear. Identify which of these sounds is the result of moving air.
 - b. Create a musical wind instrument, and play it as part of a den band.
 - c. With an adult, conduct an investigation on how speed can affect sound.
 - d. Make a kite using household materials. With your den or family, explain the rules for safely flying kites. Fly your kite.
 - e. With your family, den, or pack, participate in a kite derby, space derby, or rain gutter regatta. Explain how air helps the vehicle move.



Ideas: Do you have some craft sticks, rubber bands, and paper lying around? Well then, you've got yourself an awesome harmonica! Learn how to make this fun instrument with [this great tutorial by Scouting Dad](#). As you complete this adventure, make sure you share your activities on our closed Pack Facebook group.

Code of the Wolf

Adventure Requirements: Complete the following.

1. Complete **two** of the following:
 - a. With the members of your den or family, make a game with simple materials that requires math to keep score.



- b. Play a game of "Go Fish for 10s."
 - c. Do five activities at home, at school, or in your den that use mathematics, and then explain to your den how you used everyday math.
 - d. Make a rekenrek with two rows, and show your den leader or other adult how you would represent the numbers 4, 6, 9, and 14.
 - e. Make a rain gauge or some other measuring device, and use it.
2. Complete **one** of the following:
- a. With other members of your den or family, identify three different types of shapes that you see in nature.
 - b. With other members of your den or family, identify two shapes you can see in the construction of bridges.
 - c. Select a single shape or figure. Observe the world around you for at least a week, and write down where you see this shape or figure and how it is used.
3. Complete **one** of the following:
- a. With your den, find something that comes with many small, colored items in one package. Count the number of items of each color in your package. Keep track of each color. Then:
 - i. Draw a graph showing the number of items of each color.
 - ii. Determine what the most common color is.
 - iii. Compare your results to those of the other Scouts.
 - iv. Predict how many items of each color you will find in one more package.
 - v. Decide if your prediction was close.
 - b. With your den or family, measure the height of everyone in the group and see who takes more steps to walk 100 feet.
 - c. Have each member of your den shoot a basketball. Count the number of shots it takes for each scout to sink five baskets. Make a graph that shows how successful your den was. Your graph should show each group that needed 5, 6-10, 11-15, 16-20, and more than 20 tries to sink their shots.
4. Complete **one** of the following:
- a. Use a secret code using numbers to send a message to one of your den members or your den leader. Have that person send a message back to you.
 - b. Send a message to another member of your den or your den leader using the pig pen code or another code that changes letters into special shapes.
 - c. Practice using a code stick to create and decode a message.



Ideas: This is one sweet adventure! Grab a bag of Skittles and complete requirement 3a with this [fun worksheet](#) that we made (PDF). Use this [Shapes Scavenger Hunt worksheet](#) (PDF) we made to go on a fun adventure at home! Try your hand at the [Codes and Ciphers worksheet](#) (PDF) we made to see if you've got your thinking cap on.

Protect Yourself Rules



Adventure Requirements: Complete **each** of the following.

5. Watch the "[Protect Yourself](#)" video lessons for this adventure.
6. Demonstrate how you would say "No!" to someone who is doing something that makes you feel uncomfortable.
7. Identify five trusted adults, and share this list with your parent or legal guardian.
8. Describe the characteristics of a "safe stranger."



Ideas: Visit the [Protect Yourself Rules Preview Adventure information page on Scouting.org](#) for additional links and information.



BUSY BEARS CHALLENGE: Adventuring From Home

Bear Picnic Basket



Adventure Requirements: Complete at least **three** of the following.

1. Create your own Bear cookbook using at least five recipes you might cook or prepare either on your own or with some adult help. Include at least one recipe each for breakfast, lunch, dinner, and a nutritious snack.
2. With a family member or den leader, prepare for cooking by explaining the importance of planning, tool selection, sanitation, and cooking safety.
3. Select and prepare two nutritious snacks for yourself, your family, or your den.
4. With the help of an adult, select a recipe to prepare in a kitchen for your den or your family. Help to select the needed ingredients, perhaps from a garden, grocery store, or farmers' market. Cook and serve your planned meal. Clean up after the preparation and cooking.
5. With the help of an adult, select a recipe to prepare in the outdoors for your family or den. Help to select the needed ingredients, perhaps from a garden, grocery store, or farmers' market. Cook and serve your planned meal. Clean up after the preparation and cooking.



Ideas: Work with your parents to create a cookbook of meals you make together while you're at home. Choose five family recipes, making sure to include one recipe each for breakfast, lunch, dinner, and your favorite snack. Help prepare one of your recipes, talking with your family about how to plan the recipe, what tools you should use, how to clean your prep and cooking surfaces, and how to make sure you've cooked your food safely. Help your family out by lending a hand at dinner time and showing the Pack the wonderful meal you helped prepare! You can download a PowerPoint template we made for Bear Picnic Basket [HERE](#).

Critter Care



Adventure Requirements: Complete **all** of the following.

1. Do **one** of the following:
 - a. If you have a pet, make a list of tasks that you did to take care of the pet for two weeks.
 - b. If you do not have a pet, research one that you would like to have and prepare a report about the care it needs.
2. Complete **one** of the following:
 - a. Make a poster or a PowerPoint presentation about your pet or a pet you would like to have. Share the poster or presentation with your den, pack, or family.
 - b. Make a poster or PowerPoint presentation explaining three ways that animals can help people. Share the poster or presentation with your den, pack, or family.
3. Complete at least **one** of the following and share with your den, pack, or family:
 - a. Visit with a local veterinarian or an animal shelter caretaker. Find out what types of animals he or she might see on a regular basis and the types of care he or she gives to them.
 - b. Learn about careers that involve the care of animals. What education, training, and experience are required?



Ideas: If you have a pet at home, make a list of tasks that you did to take care of your pet for two weeks. If you don't have a pet at home, research one that you'd like to have and draw a picture about the care it needs. Learn about the careers that involve the care of animals. What education, training, and experience is required to have a job like that? You can download a PowerPoint template we made for Critter Care [HERE](#).

Super Science



Adventure Requirements: Complete **at least four** of the following and explain what you learned:

1. Make static electricity by rubbing a balloon or a plastic or rubber comb against another material, such as a fleece blanket or wool sweater. Explain what you learned.
2. Conduct one other static electricity investigation. Explain what you learned.
3. Do a sink-or-float investigation. Explain what you learned.
4. Do a color-morphing investigation. Explain what you learned.
5. Do a color-layering investigation. Explain what you learned.



Ideas: Check out the [Scout Dad Texas blog](#) for lots of great ideas to help you complete this adventure.

Protect Yourself Rules



Adventure Requirements: Complete **each** of the following:

1. Watch the "[Protect Yourself](#)" video lessons for this adventure.
2. Explain the difference between a safe touch and an unsafe touch.
3. Identify five trusted adults and share this list with your parent or legal guardian.
4. Describe "personal space," and complete the Personal Space Bubble.
5. Come up with three different ways to say no to someone who touches you on a private body part.



Ideas: Visit the [Protect Yourself Rules Preview Adventure information page on Scouting.org](#) for additional links and information.



WONDROUS WEBELOS CHALLENGE: Adventuring From Home

Adventures in Science



Adventure Requirements: Complete Requirements **1-3**.

1. An experiment is a “fair test” to compare possible explanations. Draw a picture of a fair test that shows what you need to do to test a fertilizer’s effects on plant growth.
2. Visit a museum, a college, a laboratory, an observatory, a zoo, an aquarium, or other facility that employs scientists. Prepare three questions ahead of time, and talk to a scientist about his or her work.
3. Complete any **four** of the following:
 - a. Carry out the experiment you designed for Requirement 1.
 - b. If you completed 3a, carry out the experiment again but change the independent variable. Report what you learned about how changing the variable affected plant growth.
 - c. Build a model solar system. Chart the distances between the planets so that the model is to scale. Use what you learned from this requirement to explain the value of making a model in science.
 - d. With adult supervision, build and launch a model rocket. Use the rocket to design a fair test to answer a question about force or motion.
 - e. Create two circuits of three light bulbs and a battery. Construct one as a series circuit and the other as a parallel circuit.
 - f. Study the night sky. Sketch the appearance of the North Star (Polaris) and the Big Dipper (part of the Ursa Major constellation) over at least six hours (which may be spread over several nights). Describe what you observed, and explain the meaning of your observations.
 - g. With adult assistance, explore safe chemical reactions with household materials. Using two substances, observe what happens when the amounts of the reactants are increased.
 - h. Explore properties of motion on a playground. How does the weight of a person affect how fast they slide down a slide or how fast a swing moves? Design a fair test to answer one of those questions.
 - i. Read a biography of a scientist. Tell your den leader or the other members of your den what the scientist is famous for and why his or her work is important.



Ideas: We'll complete much of this in an upcoming face-to-face meeting, but to help keep us moving, here is a [Google Form](#) that you can use to log the completion of some of the adventure requirements, including this [Virtual Science Museum Scavenger Hunt](#), which also helps you complete your NOVA Award for Science Everywhere.

Fix It



Adventure Requirements: Complete **all** of the following.

1. Put a Fix It Tool Box together. Describe what each item in your toolbox can be used for. Show how to use three of the tools safely.
2. Be ready. With the help of an adult in your family, do the following:
 - j. Locate the electrical panel in your home. Determine if the electrical panel has fuses or breakers.
 - k. Determine what sort of heat is used to heat your home.
 - l. Learn what you would do to shut off the water for a sink, a toilet, a washing machine, or a water heater. If there is a main shut-off valve for your home, show where it is located.
3. Describe to your Webelos den leader how to fix or make safe the following circumstances with help from an adult:

- a. A toilet is overflowing.
 - b. The kitchen sink is clogged.
 - c. A circuit breaker tripped causing some of the lights to go out.
4. Let's Fix It. Select and do **eight** of the following. You will need an adult's supervision for each of these Fix It projects:
- a. Show how to change a light bulb in a lamp or fixture. Determine the type of bulb and how to properly dispose of it.
 - b. Fix a squeaky door or cabinet hinge.
 - c. Tighten a loose handle or knob on a cabinet or a piece of furniture.
 - d. Demonstrate how to stop a toilet from running.
 - e. Replace a furnace filter.
 - f. Wash a car.
 - g. Check the oil level and tire pressure in a car.
 - h. Show how to replace a bulb in a taillight, turn signal, or parking light, or replace a headlight in a car.
 - i. Help an adult change a tire on a car.
 - j. Make a repair to a bicycle, such as adjusting or lubricating the chain, inflating the tires, fixing a flat, or adjusting the seat or handlebars.
 - k. Replace the wheels on a skateboard, a scooter, or a pair of inline skates.
 - l. Help an adult prepare and paint a room.
 - m. Help an adult replace or repair a wall or floor tile.
 - n. Help an adult install or repair a window or door lock.
 - o. Help an adult fix a slow or clogged sink drain.
 - p. Help an adult install or repair a mailbox.
 - q. Change the battery in a smoke detector or a carbon monoxide detector, and test its operation.
 - r. Help an adult fix a leaky faucet.
 - s. Find wall studs, and help an adult hang a curtain rod or a picture.
 - t. Take an old item, such as a small piece of furniture, a broken toy, or a picture frame, and rebuild and/or refinish it. Show your work to an adult or your Webelos leader.
 - u. Do a Fix It project agreed upon with your parent or guardian.




Ideas: We created a [Fix It Scout Bingo Board](#) (PDF) that you can use to complete your adventure. Download it and get to work on learning more about your family. Don't forget to share what you found on our Pack or Den Facebook group.



Project Family



Adventure Requirements: Complete **all** of the following.

1. Interview a grandparent, another family elder, or a family friend about what life was like when he or she was growing up.
2. With members of your family or a family friend, discuss some of your family names, history, traditions, and culture. Do **one** of the following:
 - a. Create a family tree of three generations.
 - b. Make a poster or Web page that shows the places that some of your family members came from.
 - c. Choose a special celebration or holiday that some of your family members participate in, and create either a poster, picture, or photo slideshow of it.
3. Show your understanding of your duty to family by creating a chart listing the jobs that you and other family members have at home. Choose three of the jobs you are responsible for, and chart them for two weeks.
4. Select a job that belongs to another family member, and help that person complete it. Some examples would be to create a grocery shopping list for the week, to take out trash for a week,

	<p>to do the laundry for your family one time, to prepare meals for your family for one day, or to complete some yard work.</p> <ol style="list-style-type: none"> 5. With the help of an adult, inspect your home and its surroundings. Make a list of hazards or security problems you find. Correct one problem you found, and tell what you did. 6. Complete one of the following <ol style="list-style-type: none"> a. Hold a family meeting to plan an exciting family activity. The activity could include: A family reunion, A family night, A family outing b. Create a list of community service or conservation projects that you and your family can do together, and present it to your family. Select one project, plan it, and complete it with members of your family.
	<p><u>Ideas:</u> We created a Project Family Workbook (PDF) that you can use to complete your adventure. Download it and get to work on learning more about your family. Don't forget to share what you found on our Pack or Den Facebook group.</p>

<p>Protect Yourself Rules</p> 	<p><u>Adventure Requirements:</u> Complete each of the following.</p> <ol style="list-style-type: none"> 1. Watch the "Protect Yourself" video lessons for this adventure. 2. Know the six Protect Yourself Rules. 3. Describe what cyberbullying is and identify things you should never tell about yourself to others when online. 4. Explain what you would do if you or a friend felt unsafe at home. 5. List five safe adults you could tell if someone has made you feel unsafe. 6. Name two of Scouting's Barriers to Abuse that adults are to follow
	<p><u>Ideas:</u> Visit the Protect Yourself Rules Preview Adventure information page on Scouting.org for additional links and information.</p>



AWESOME AOLS CHALLENGE: Adventuring From Home

Adventures in Science



Adventure Requirements: Complete Requirements **1-3**.

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2. Visit a museum, a college, a laboratory, an observatory, a zoo, an aquarium, or other facility that employs scientists. Prepare three questions ahead of time, and talk to a scientist about his or her work.
3. Complete any **four** of the following:
 - a. Carry out the experiment you designed for Requirement 1.
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 - d. With adult supervision, build and launch a model rocket. Use the rocket to design a fair test to answer a question about force or motion.
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1. Put a Fix It Tool Box together. Describe what each item in your toolbox can be used for. Show how to use three of the tools safely.
2. Be ready. With the help of an adult in your family, do the following:
 - j. Locate the electrical panel in your home. Determine if the electrical panel has fuses or breakers.
 - k. Determine what sort of heat is used to heat your home.
 - l. Learn what you would do to shut off the water for a sink, a toilet, a washing machine, or a water heater. If there is a main shut-off valve for your home, show where it is located.
3. Describe to your Webelos den leader how to fix or make safe the following circumstances with help from an adult:
 - a. A toilet is overflowing.
 - b. The kitchen sink is clogged.

- c. A circuit breaker tripped causing some of the lights to go out.
4. Let's Fix It. Select and do **eight** of the following. You will need an adult's supervision for each of these Fix It projects:
- Show how to change a light bulb in a lamp or fixture. Determine the type of bulb and how to properly dispose of it.
 - Fix a squeaky door or cabinet hinge.
 - Tighten a loose handle or knob on a cabinet or a piece of furniture.
 - Demonstrate how to stop a toilet from running.
 - Replace a furnace filter.
 - Wash a car.
 - Check the oil level and tire pressure in a car.
 - Show how to replace a bulb in a taillight, turn signal, or parking light, or replace a headlight in a car.
 - Help an adult change a tire on a car.
 - Make a repair to a bicycle, such as adjusting or lubricating the chain, inflating the tires, fixing a flat, or adjusting the seat or handlebars.
 - Replace the wheels on a skateboard, a scooter, or a pair of inline skates.
 - Help an adult prepare and paint a room.
 - Help an adult replace or repair a wall or floor tile.
 - Help an adult install or repair a window or door lock.
 - Help an adult fix a slow or clogged sink drain.
 - Help an adult install or repair a mailbox.
 - Change the battery in a smoke detector or a carbon monoxide detector, and test its operation.
 - Help an adult fix a leaky faucet.
 - Find wall studs, and help an adult hang a curtain rod or a picture.
 - Take an old item, such as a small piece of furniture, a broken toy, or a picture frame, and rebuild and/or refinish it. Show your work to an adult or your Webelos leader.
 - Do a Fix It project agreed upon with your parent or guardian.




Ideas: We created a [Fix It Scout Bingo Board](#) (PDF) that you can use to complete your adventure. Download it and get to work on learning more about your family. Don't forget to share what you found on our Pack or Den Facebook group.



Project Family



Adventure Requirements: Complete **all** of the following.

- Interview a grandparent, another family elder, or a family friend about what life was like when he or she was growing up.
- With members of your family or a family friend, discuss some of your family names, history, traditions, and culture. Do **one** of the following:
 - Create a family tree of three generations.
 - Make a poster or Web page that shows the places that some of your family members came from.
 - Choose a special celebration or holiday that some of your family members participate in, and create either a poster, picture, or photo slideshow of it.
- Show your understanding of your duty to family by creating a chart listing the jobs that you and other family members have at home. Choose three of the jobs you are responsible for, and chart them for two weeks.
- Select a job that belongs to another family member, and help that person complete it. Some examples would be to create a grocery shopping list for the week, to take out trash for a week, to do the laundry for your family one time, to prepare meals for your family for one day, or to complete some yard work.

	<ol style="list-style-type: none"> 5. With the help of an adult, inspect your home and its surroundings. Make a list of hazards or security problems you find. Correct one problem you found, and tell what you did. 6. Complete one of the following <ol style="list-style-type: none"> a. Hold a family meeting to plan an exciting family activity. The activity could include: A family reunion, A family night, A family outing b. Create a list of community service or conservation projects that you and your family can do together, and present it to your family. Select one project, plan it, and complete it with members of your family.
	<p><u>Ideas:</u> We created a Project Family Workbook (PDF) that you can use to complete your adventure. Download it and get to work on learning more about your family. Don't forget to share what you found on our Pack or Den Facebook group.</p>

<p>Protect Yourself Rules</p> 	<p><u>Adventure Requirements:</u> Complete each of the following.</p> <ol style="list-style-type: none"> 1. Watch the "Protect Yourself" video lessons for this adventure. 2. Know the six Protect Yourself Rules. 3. Describe what cyberbullying is and identify things you should never tell about yourself to others when online. 4. Explain what you would do if you or a friend felt unsafe at home. 5. List five safe adults you could tell if someone has made you feel unsafe. 6. Name two of Scouting's Barriers to Abuse that adults are to follow
	<p><u>Ideas:</u> Visit the Protect Yourself Rules Preview Adventure information page on Scouting.org for additional links and information.</p>

ADVENTURE BINGO

Complete the activities with help from a parent or family member. Be sure to take pictures as you go. When you get a BINGO, email the pictures of the activities and your finished BINGO card to your den leader!

Pitch a tent in your backyard or living room	Make up a new game and play it with a family member	Make three kinds of paper airplanes and see which flies farthest	Make an indoor scavenger hunt for a family member by hiding clues for them to find.	Make a foil packet dinner to cook in an oven or grill
Design a poster to teach people about Leave No Trace	Build the tallest tower you can using spaghetti and marshmallows	Make your own musical instrument using items from around the house and make up a song	Make a cartoon, comic, or storyboard to tell a story about a fun scouting adventure	Write a letter or email to someone in a hospital or nursing home
Make up an exercise routine to practice daily for a week	Make a sundial with a paper plate and a pencil. Look online for instructions		Make a blanket fort and camp out in your living room	Take a hike through your neighborhood or local park. Collect trash along the way
Write a letter or email to a Veteran to say thank you for their service	Learn and practice two new knots you didn't know before	Make up a new skit 2-3 minutes long	Make a time capsule & fill w/ 10 things that represent who you are. Hide it and don't open it for one year	With help from a parent, make a family tree showing at least three generations
With help from a parent, plan and prepare a meal for your family.	Set up an obstacle course and race against a family member	Build a boat out of recycled materials and test it in the bathtub	Think of a helpful chore you can do to help out with daily for one week	Paint, draw, sketch or color a self portrait

CUB SCOUT EDITION

30 Day Lion Challenge



Help your Lion keep their skills sharp by taking on our 30-day challenge with activities to help with adventure and elective requirements!

Week 1 – Lion's Honor and Fun on the Run Week 2 – Animal Kingdom and Mountain Lion
 Week 3 – King of the Jungle and I'll Do It Myself Week 4 – Gizmos and Gadgets and Build it Up, Knock it Down
 Week 5 – On Your Mark and Rumble in the Jungle

		1	2	3	4	5
		Show good sportsmanship! Play a board game with your family.	Practice your Cub Scout salute.	Make a nutritious snack to share. What makes it healthy?	Repeat the Cub Scout motto. What does it mean?	Get moving! Show three different exercises, then try a new one!
6	7	8	9	10	11	12
Family discussion – What can you do in an emergency?	Make a thank you card for your local hospital, fire, or police department	Turn off lights when not in use. Can you do this the rest of the month?	Go for a family walk. How can you respect nature while outside?	Family discussion – what should you do if you get lost while outdoors?	Make a list of items needed for a camping trip. Pack what you can.	Build a blanket fort and practice camping. Did your list help?
13	14	15	16	17	18	19
Draw a picture of what a leader looks like. Share with your family.	Set the table for every meal	Practice tying your shoes	Family discussion – what is a good citizen?	Help make a checklist of your morning routine. Can you do any by yourself?	Watch a flag ceremony online. Why are people so careful with the flag?	Pick out your outfits for the next 3 days.
20	21	22	23	24	25	26
Explore motion. Build a ramp for a toy car and see how far it can go!	Build a tower out of blocks. How high can you make it?	Build a tower of blocks. Push it over gently. Then hard. Which one sent the blocks further?	Build a tower out of something not blocks. Was it easy? Hard? Why?	Using everyday objects, build something that can help people. *	Family discussion – can people be built up? Knocked down? How so?	Build a ramp. Launch toy cars of different weights. Which ones go further?
27	28	29	30			
Create a new game. What are the rules? Try it out with your family!	Draw a picture of your favorite jungle animal. Why is it your favorite?	Make a (safe) obstacle course outside. How fast can you go?	Pretend to be your favorite jungle animals. How do they move? Roar?			

*Objects can include toilet paper tubes, storage containers, LEGOs, pencils, paper – just about anything!

30 Day Tiger Challenge



Help your Tiger keep their skills sharp by taking on our 30-day challenge with activities to help with adventure and elective requirements!

Weeks 1 and 2 – Games Tigers Play, My Tiger Jungle, and Tiger Bites

Week 3 – Family Stories, Floats and Boats

Weeks 4 and 5 – Sky's the Limit, Safe and Smart

		1	2	3	4	5
		Show good sportsmanship! Play a board game with your family.	Make up a new game. What are the rules? Play it with your family.	Make a nutritious snack to share. What makes it healthy?	Watch a new sport online you've never seen. Which sport did you pick?	Go for a walk outside. Take in nature using your 5 senses. What did you notice?
6	7	8	9	10	11	12
Go in your backyard. Make a list of everything you see.	Go bird watching out your window. Draw 2 different birds you see.	Make a thank you card for local doctors, nurses, police, or firefighters.	Make a birdhouse out of household items. What birds can fit in your house? *	Family discussion – learn about good food choices and how to pick healthy meals.	Make a poster explaining the difference between fruits and vegetables.	With your family, pick a job to help your family at mealtime. Do it for the next 4 meals.
13	14	15	16	17	18	19
Family discussion – what are some of your family's traditions, history, and culture?	Create a family crest. Include what you think makes your family special!	Call a grandparent or other relative. Learn what life was like when they were kids.	With your parents' help, create a family tree.	Learn about and draw 5 different types of boats. Where can each type be found?	Build your own boat with recycled materials and float it on water. *	Practice the SCOUT water safety chant.
20	21	22	23	24	25	26
Memorize your address and recite it to your family.	Memorize two emergency phone numbers and recite them to your family.	Show you can stop, drop, and roll.	Make a fire escape plan and practice with your family.	Go outside and observe the night sky.	Research two astronauts who were Scouts.	Visit a science museum or observatory online.
27	28	29	30			
Find the smoke detectors in your home and check the batteries.	Looking at the night sky, create and name your own constellation.	Show how to safely roll someone else in a blanket to put out a fire.	Learn how 2 constellations got their name and find them in the sky.			

*Objects can include toilet paper tubes, storage containers, LEGOs, pencils, paper – just about anything!

30 Day Wolf Challenge



Help your Wolf keep their skills sharp by taking on our 30-day challenge with activities to help with adventure and elective requirements!

Week 1 – Paws on the Path

Week 2 – Running with the Pack

Week 3 – Cubs who Care and Motor Away

Week 4 – Code of the Wolf

Week 5 – Hometown Heroes

		1 Plan a one-mile hike/walk. Make a list of the Cub Scout 6 Essentials and pack.	2 Family discussion – what is the buddy system, and what should you do if separated outside	3 Watch the weather forecast for the weekend. Plan clothing for Saturday.	4 Name two birds, animals, and insects that live in your area. How did you identify them?	5 Go on your one-mile walk/hike! Look for any of the animals you listed.
6 Play catch with a family member, getting further apart as you play.	7 Balance as you walk forwards, backwards, and sideways.	8 Show your agility by demonstrating a front roll, back roll, and frog stand.	9 Play a board game with your family and show good sportsmanship.	10 Kangaroo hop, frog leap, inchworm walk, and crab walk outside.	11 Help plan a healthy meal with your family, then help cook it!	12 Watch a new sport online with your family.
13 Learn about a sport that has been adapted for wheelchairs. Watch a game online.	14 Draw a picture, then try it blindfolded. How did it turn out?	15 Family discussion – what is an “invisible disability”?	16 Try tying your shoes or using a fork while wearing mittens. Discuss with your family.	17 Fold and test 3 different paper airplane designs. Which went furthest? Why?	18 Build and test a paper airplane catapult using household items. *	19 Create two different model boats with different shapes and test them. *
20 Make a rain gauge and set it up outside. Measure the water when it rains next.	21 Play Go Fish with your family.	22 Go on a walk and identify 3 shapes you see in nature.	23 Create a secret code using numbers. Can anyone figure it out?	24 Create a code stick to create and decode a message.	25 Measure the height of your family members. See who takes the most steps to get to 100 feet.	26 Play a game that requires math to keep score. (Yahtzee, Scrabble, etc)
27 Family discussion – What is a hero? Give an example and say why.	28 Make a thank you card for the nurses and doctors of your local hospital.	29 Create a thank you card for your local police and fire departments.	30 Find an online tour of a police or fire station with a parent/guardian.			

*Objects can include toilet paper tubes, storage containers, LEGOs, pencils, paper, straws – just about anything!

30 Day Bear Challenge



Help your Bear keep their skills sharp by taking on our 30-day challenge with activities to help with adventure and elective requirements!

Week 1 – Fur, Feathers, and Ferns

Week 2 – Paws for Action, Robotics

Week 3 – Super Science, Roaring Laughter

Week 4 – Bear Picnic Basket, Beat of the Drum

Week 5 – Critter Care

		1 Go on a one-mile walk or hike. Identify 6 signs of any animals, insects, or birds.	2 Take an online zoo or nature center tour. Describe what you learned to your family.	3 Observe wildlife out your window and describe what you saw with your family.	4 Draw a picture of a plant in your yard, then look with a magnifying glass and draw again.	5 Name an animal that has become extinct in the past 100 years and research why.
6 Hang up or draw and hang an American flag at your house.	7 Learn about two famous Americans. Draw a poster for each showing what you learned.	8 Make a list of emergency phone numbers. Show your family you can call for emergency help.	9 With your family, create and practice fire and tornado emergency plans.	10 Build a robot hand with string, straws, and sticks. How does it compare to a human hand?	11 Build your own robot using household items. *	12 Explore places that use robots online. What type of robots do you see?
13 Make static electricity by rubbing a balloon against different materials.	14 Create your own sink or float investigation. Explain what you learned.	15 Make marble milk. Put drops of food coloring in a plate of milk, then drop dish soap in the middle.	16 Family discussion – what makes you laugh? Make a list!	17 Make a Mad Lib! Take nouns, verbs, adjectives, and adverbs out of a story; add your own.	18 Play a game that makes you laugh with your family.	19 Ask your family members for their favorite joke and share yours with them.
20 With a family member, select and help cook a meal. Clean up after.	21 Create your own Bear cookbook with at least 5 recipes you can make on your own	22 Prepare and serve a nutritious snack for your family. Explain what makes it healthy.	23 Learn about Iowan Native Americans online. Share with your family.	24 Create your own Native American legend in a story or diorama.	25 Make your own dreamcatcher. Hang it in your room.	26 Watch Native American dancing online. Can you dance like that?
27 Research a pet you would like to have. Present a report to your family	28 Learn 3 ways animals help people. Make a poster and share.	29 Have a pet? Make a care checklist and use for 2 weeks.	30 Learn what careers involve animal care. What education is needed?			

*Objects can include toilet paper tubes, storage containers, LEGOs, pencils, paper – just about anything!

30 Day Webelos Challenge

Help your Webelos keep their skills sharp by taking on our 30-day challenge with activities to help with adventure and elective requirements!



Week 1 – Stronger, Faster, Higher

Week 2 – Art Explosion

Week 3 – Build My Own Hero, Aware and Care

Week 4 – Project Family, Maestro!

Week 5 – Cast Iron Chef

		1 Make an exercise plan that includes at least 3 physical activities. Do every day this month.	2 Watch a new sport online and give it a try at home.	3 Do the following and record results: 20 yd. dash, vertical jump, 5lb weight lift, pushups, curls, jump rope.	4 Demonstrate proper warm up before and cool down after an activity.	5 Make a fitness course with jumping, obstacles, weights, and running in your yard.
6 Visit an art museum or gallery online.	7 Create 2 self portraits using 2 different techniques	8 Draw or paint an original picture outdoors	9 Use clay to sculpt a simple form	10 Create a comic strip! Make it at least 4 panels	11 Host a gallery opening for your art at home and invite your family.	12 Using a camera or phone, take 10 pictures and edit to crop, lighten/darken
13 Family discussion – what is a hero? How can citizens be heroes in their community?	14 Create and draw your own superhero! What makes them "super"?	15 Make "My Hero Awards" for police, firemen, and doctors/nurses.	16 Learn about a Scout hero and make a poster about them.	17 Make cards for nursing home residents.	18 Watch Special Olympics events online with your family. Discuss your thoughts/feelings.	19 Learn the Scout Oath in sign language.
20 Call a grandparent or other elder and learn about life when they were growing up.	21 Family discussion – learn about family names, history, traditions, and culture.	22 Make a poster or webpage about places your family came from.	23 Help a family member with a household job, such as taking out the trash or yard work.	24 Watch a live musical performance online. Try a new type of music!	25 Plan and host a family night with activities your family likes to do together.	26 Host a concert for your family. Perform on an instrument or sing at least 2 songs.
27 Find instructions online and build your own solar oven. Give it a try!	28 Plan a menu for a balanced meal for your family. Help cook it!	29 Learn about food safety practices. Make a poster for your kitchen.	30 Demonstrate how to build a fire in your backyard using sticks and leaves. DO NOT LIGHT IT!			