

4-H Military Goosechase Ideas

These are just some of the missions that we created. Each year we included a 4-H STEM kit that the first 25 families enrolled received.

If you would like more information please reach out to Veronica at bolhuisv@msu.edu.

Text Missions

- Branches: There are 6 service branches of the U.S. Armed Forces as of December of 2019. What are they?
- Each of the United States service branches has their own motto. What does the motto *semper paratus* stand for and which branch of the service holds this motto.
- If your parent has been deployed, you probably know how important care packages are to service members when they are away from home. Operation Gratitude has many ideas for valued items you can make for service members and send in a package. What kinds of things would you like to receive in a care package?
- During his time in the military, Chuck Norris began studying the Asian martial art of Tang Soo Do while in Korea. What branch of the military was Chuck Norris in?
- The military has specific missions around the world including missions to Antarctica. There are many challenges that face the military who land planes carrying supplies and cargo to the scientist who are doing research in the southern most part of the earth. The average daily temperature when they land is -30 degrees and the ice is 2 -2 1/2 miles thick. The planes are standard C-130's but they have been modified. What have they been modified with that allows them to operate at their maximum takeoff weight (125,000-155,000 pounds)?
- Sleep is important to have a healthy body and mind. Getting a good night's sleep is important for our military, but at times can be difficult. Check out the linked article about the military sleep method and try it for a few days. What is one of the methods that you use to help fall asleep?
- Objee (short for "objectionable presence") is the Coast Guard Academy's mascot, a black bear. A statue of Objee stands in the park behind Chase Hall. For morale and spirit, Objee is commonly dressed up before a big athletic game and major events. Objee is dressed in jerseys, team hats, war paint, class t-shirts, or various other cadet uniforms or decorations. Put on your favorite sports teams clothing and submit a picture.
- Managing your money wisely is important. Military personnel earn income while in basic training and throughout their military career. In order to manage your money, what is one way you could decrease your expenses and one way to increase income?

- The six highest honors service members can receive are The Medal of Honor, Distinguished Service Cross, Navy Cross, Air Force Cross, Distinguished Flying Cross, and the Purple Heart Medal. Which one of these honors is said to be given only to "the bravest of the brave"?
- The National Military Family Association (NMFA) mission to stand up for, support, and enhance the quality of life for every military family through bold advocacy, innovative programming, and dynamic and responsive solutions. They offer a camp for youth called Operation Purple Camp. What percentage of youth attended who had a parent deployed?
- Sometimes veterans will need additional assistance when they return from service. Some of that assistance may be mental assistance through a therapy dog or physical assistance through a service dog. Pick one of the types and share how long it takes to train a service dog.
- Which military division that is a partnership between the United States and Canada, tracks Santa on Christmas Eve?
- In 2019, Captain Anneliese Satz became the first female to complete F-35B pilot training. On which marine base did she first fly the F-35B?
- Military time uses a 24-hour clock instead of the 12 hour clock. What time is it right now in military time? Bonus points if you also tell us the time in Germany, which has 14 active U.S. military bases.
- Are you interested in joining the Army National Guard after high school? Before you join, you are required to take a written test called the ASVAB which allows the National Guard to place you where you fit best! What does ASVAB stand for?
- Did you know you could be an engineer, social worker, or even a veterinarian for the United States Army? Click on the link and explore the careers the US Army has to offer! Which career would you be most interested in?
<https://www.goarmy.com/careers-and-jobs.html>
- Most years, from Memorial Day Weekend through Labor Day Weekend, military families can visit select museums, zoos and aquariums for free through the Blue Star Museums program. The number of participating locations vary, but extend across the country and number approximately 2,000. Locate the nearest Blue Star Museum and share what you would like to learn about while you are there.
<https://bluestarfam.org/family-life/blue-star-museums>
- The military is full of acronyms. One that many families may not know about is FRG. What does this acronym stand for?
- Cipher chase! The Space Force needs you to use your cipher dial found in the 4-H STEM kits to figure out this encrypted message in the picture! What does the message say?
- The Kalamazoo Air Zoo has some great videos on their Launchpad to Learning site. Checkout the Flying in a B-25 Video and listen for the different jobs that the narrator

mentions when he is flying on the plane. Name one of the jobs.

<https://www.youtube.com/watch?v=DY1UpEqfeuU>

- Build the telescope from your 4-H STEM kit. Tape up the constellation cards across the room and try to view them in your telescope. How hard is it to view the constellation cards through your telescope? What have you learned about telescopes?
- In honor of the Detroit Tiger's opening day, we have a new bonus mission for you! During World War II, with many abled men away for the war, the All-American Girls Professional Baseball League was started. Name one of the first four teams that played in the league to earn 200 points!
- We all have been bitten or stung by some type of insect. Check out the US Army Survival Guide at https://thesurvivalmom.com/wp-content/uploads/2015/03/FM_21-76-US-army-survival-manual.pdf and share one tip to help someone who has been stung. https://thesurvivalmom.com/wp-content/uploads/2015/03/FM_21-76-US-army-survival-manual.pdf
- The military might find themselves living outside for long periods of time. Being outside can create some challenges. One of those challenges is that there may not be a traditional bathroom available nearby. Research what plants could be used as toilet paper and share which one might be available near your home to use if you had to.

Photo/video Missions

- Home cooked meals are just one thing sacrificed during deployment. Meals, Ready to Eat (MREs), are individual field rations bought by the U.S. Department of Defense, used to feed service members while in combat or other field conditions where organized food facilities are not available. Take a picture of your favorite home cooked meal you would miss the most if you were away from home!
- In boot camp, everyone is issued the same uniform. Get everyone in your house to dress as like one another as you can and post a picture!
- Concentration is a key skill for success in the military! Practice concentrating by building a tower of pennies that are at least 30 pennies high or as high as you can go! Use whatever coins you have around the house if you don't have a bunch of pennies! Take a picture of you and your penny tower!
- President Ronald Reagan recognized the sacrifices of spousal commitment with Proclamation 5184 on April 17, 1984. Congress made "Military Spouse Appreciation Day" part of National Military Appreciation Month in 1999. Subsequently, the Department of Defense standardized the date by declaring the Friday before Mother's Day every year as "Military Spouse Appreciation Day" to show appreciation for the sacrifices of military spouses. Hand write a letter or card to a family member to show them how much you appreciate them. Take a picture and share it with us,

then mail out the letter. You may also take a short video and share. Make sure to be as detailed as you can about why you appreciate the person.

- Watch the first half of this video to learn how to make a military bed. Make your bed military-style and post a picture of the results.
<https://www.youtube.com/watch?v=BxGXrhik6uU>
- Established on December 20, 2019 with the enactment of the Fiscal Year 2020 National Defense Authorization Act, the U.S. Space Force (USSF) is the newest branch of the Armed Forces. Checkout the Insight from Mars coding activity from the 2020 4-H STEM Challenge, Mars Base Camp! Create your own animated story and take a picture of your creation for 500 points!
<https://scratch.mit.edu/projects/412040795/>
- The dandelion is the official flower of Month of the Military Child. Break out your favorite supplies and create a piece of art featuring a dandelion. Post a picture of your masterpiece.
- Decorate your front door, or any door, to celebrate the Month of the Military Child. Take a picture to earn 400 points!
- Interviewing skills are important for any type of career you want to pursue...including one with the military! Read the article about interview attire linked below and then head to your closet. Pick out your own interview attire and take photo of yourself sitting down for your interview!
https://www.canr.msu.edu/news/prepare_for_interviews_by_thinking_through_your_attire
- During World War II, there were 32 prisoner of war camps in Michigan. There were approximately 6000 mostly German prisoners that worked in fields and food processing plants, 6 days a week, 8 hours a day. Fort Custer, near Battle Creek was the intake location and then they were transferred to locations such as Hart, Fremont, Dundee, Owosso and Romulus. They were only paid 80 cents per day. Use a variety of coins to figure out how much they were paid a week and take a picture.
- It's important for the military to be able to conceal themselves in dangerous areas of the world. Just like how animals conceal themselves from predators like the frog that is pictured! Put on clothing and try to find a place to conceal yourself. Have a family member take a picture of you and upload it so we can see if we can find you.
- Earth's tectonic plates are constantly moving and sliding around. When tension between plates is released, energy goes out in waves called earthquakes. These seismic waves can knock you down and prevent you from running away. Take a video of you doing the following to protect yourself during an earthquake. DROP to your hands and knees to prevent injury from falling. Crawl to seek cover. COVER yourself with a sturdy table for shelter or move near an interior wall and cover your

head with your hands. HOLD ON to the table (or your head and neck) until the shaking stops.

- Set up a track for your mars rover to go through. This can be an obstacle course or a sort of racetrack. Be as creative as possible! Upload a video of your mars rover going through the course. Bonus points if you somehow include the 4-H clover in your track!
- Check out the video in the link to see how the scientist ballast their robot. Now it's your turn! In the photo, We've provided a list of weights of household items. Use items around your house to ballast your robot with 125 g of weight. We recommend using pennies and paper clips. Your goal is to have your robot sit just below the surface of the water with the rudder/fin sticking out of the water. Upload a photo of your neutrally buoyant robot. **Tips for success: 1. Your robot needs to be sealed as tightly as possible to prevent water from sinking your robot. We've found it best to leave the wings off for the experiment and you may need a parent to help you secure the rubber bands tightly. 2. Make sure your weight is centered, then gently place your robot on the surface of the water without tipping.

<https://marine.rutgers.edu/4hchallenge/video4/>

- Having your power go out can be very frustrating because you aren't able to do some of your favorite activities. You might not be able to cook your food, charge your phone, play your favorite video game. What are some activities or games that you could do with your family that don't include using any type of electrical device? Take a picture of you doing that activity and share.
- Different parts of the world have different insects, snakes, etc. that can bite humans. Some carry disease while others are poisonous to humans. Check out the US Army Survival Guide https://thesurvivalmom.com/wp-content/uploads/2015/03/FM_21-76-US-army-survival-manual.pdf and find one thing that bites and the cure. Share with us what might have bitten you and what was used to help cure the bite. https://thesurvivalmom.com/wp-content/uploads/2015/03/FM_21-76-US-army-survival-manual.pdf
- Show us your boots! Upload a photo of you standing at attention in boots. Check out the video to learn how to stand at attention. <https://www.youtube.com/watch?v=86vtz2Z5GLg&list=PL163D58CA82C92A82&index=4>
- When traveling around the world our military families experience a variety of cultures. Go to the following link and choose one of the recipes to make and learn about another culture. After you make it, take a picture and share if your family enjoyed it. Email Veronica at Bohuisv@msu.edu to get a copy of the recipe, language cards, travel brochure, and more. https://www.canr.msu.edu/kalamazoo/kalamazoo_county_4_h_1/Project-Guidelines/kalamazoo-4-h-kitchen-passport