

The Manitou GIRL



A LETTER FROM THE EDITOR...

Hey there Girl Scouts,

These are some pretty scary, stressful, unbelievable, hard, and sad times we're currently facing. I want you to know that all of these feelings are OK and understandable, and I'm right there with you. All our lives have completely turned upside down and we've had to adjust to new ways of learning and working. I, like you, am sad that I'm missing out on things I was looking forward to. I miss seeing you Girl Scouts in action doing amazing things at your meetings, on trips, and more.

Girl Scouts have always been known for facing new and sometimes overwhelming challenges with optimism and creativity. Girl Scouts is all about helping you be your best, bravest, boldest self each and every day. Girls need Girl Scouting now more than ever. Whether you are meeting with your troop virtually and continuing to earn badges, working on fun activities from Girl Scouts at Home, or still trying to adjust to everything, you (and your parents and troop leaders) are doing an amazing job! I know as Girl Scouts we will come out of this strong, with a head full of ideas we can put into action to make the world a better place. We are thinking of all of you. Please continue to stay safe and healthy.

Yours in Girl Scouting,

Cassie Sterwald | Director of Communications
Girl Scouts of Manitou Council
cassie@gsmantou.org

ON THE COVER...

A Brownie Girl Scout from Troop 8029 works with her troop to earn their Painting Badge at the Cedarburg Art Museum!



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WHAT TIME IS IT?



SUMMER CAMP TIME!

We are so hoping that Girl Scout Camp will be a great place of adventure this summer. Registration is open and I bet some of you are already signed up for a session. There is no risk in registering for summer camp now. We are closely monitoring the COVID-19 situation and following all recommendations from the Wisconsin Department of Health Services and the Centers for Disease Control, and will keep you updated on any changes in summer camp. Refunds will be provided if we are unable to hold summer camp. No matter what you are interested in, we have a session for you this summer. You'll make new friends and so many memories. And remember, all girls are welcome at camp so invite your best friend, even if they aren't a Girl Scout right now. This summer's sessions include:

- **Unicorn University** - enjoy a color hike through camp, a unicorn themed party, a unique unicorn contest and all the glitter, color and mess you can imagine!
- **All About Art** - create costumes and props to perform a play, compete in the *Camp Evelyn's Got Talent* event, and take a trip to the John Michael Kohler Arts Center.
- **Geek Week** - bring your favorite TV show, movie, game, or book characters to life, master new skills, and create wands, potions and your own costumes.
- **Slime Time** - the messiest week at camp! Use everything from shaving cream to paint in your gooey, fluffy, sticky, and even crunchy creative concoctions.
- **World of Water** - spend a day at Crystal Lake kayaking, stand up paddle boarding, log rolling, take a polar bear swim, and challenge yourself to swim farther than you ever have before.
- **Passport to Freedom** - plan your day! You get to decide where the day will take you and what you want to do, set your own schedule, it's camp as you want it!

- **Just Add Water** - spend plenty of time in the pool, float down the river, go log rolling at Crystal Lake, take a trip to Lake Michigan, enjoy a picnic lunch near the beach, learn about aquatic creatures in the river and play water games.
- **Girl vs Wild** - plan your own campout, learn how to cook meals over a campfire, tackle an adventure course, get up close with live animals with a wildlife specialist, and build a survival shelter.
- **Brains & Beauty** - learn about the science behind mirrors, lights, and chemical reactions, learn yoga moves, enjoy a movie during an all-camp slumber party, design and create your own outfit from recycled materials and participate in the Camp Evelyn Brains and Beauty Pageant.
- **The Big 12-Nighter (girls 6th grade and up)** - enjoy World of Water and Passport to Freedom sessions, visit the Midsummer Festival of the Arts, Sheboygan's City Green, surprise activities and planning your own day trip.
- **Rock & Water Adventures (Camp Manitou, girls 6th grade and up)** - enjoy a sunset paddle, all things Serenity Lake, stargazing on the beach, a sunrise swim, hiking, kayaking, stand up paddle boarding, climbing on a rock wall, a trip to the Wisconsin Maritime Museum to work with underwater robots, and a Segway tour along the Mariners Trail in Manitowoc.
- **Bits & Bridles (Camp Manitou, girls 5th grade and up)** - learn basic horseback riding, grooming, and stable management; build your equestrian skills; spend plenty of time at the stable; explore Camp Manitou and Serenity Lake; go swimming, kayaking, stand up paddle boarding, hiking, geocaching; and play disc golf.

LEARN MORE AND REGISTER AT: [BIT.LY/GREATGIRLSCOUTCAMP](https://bit.ly/greatgirlscoutcamp)



CAMP PEN PAL PROGRAM



Get excited for camp this summer! Do you want something to look forward to while you are at home in the coming weeks? Participate in the Camp Pen Pal Program! Girls will leave a message for camp staff who will reply directly to you with a message of their own! To get started: head to 123formbuilder.com/form-5358795/camp-pen-pal. Fill out the form and required information to participate! Questions?

Contact the Director of Camp and Program, Hope, at hope@gsmanitou.org.



GIRL SCOUTS AT HOME

Earning badges,
exploring, and
having fun is not
cancelled!



Girl Scouts at Home is new way to bring the exploration, fun and learning of Girl Scouts to your family even when circumstances are keeping you from meeting up in person with your troop. After all, Girl Scouts isn't somewhere you go or something you do - it's who you are day in, day out. Girl Scouts is proud to offer free access to a wide variety of Girl Scout activities, including two full badge activity guides per grade level group that allow girls to earn official Girl Scout badges. Here's some of the amazing activities available:

- **Daisy Coding Basics Badge** - learning to create algorithms for a computer that follow a sequence. P.S. you get to make a s'more!
- **Daisy Making Choices Leaf** - learning the difference between needs and wants.
- **Brownie Space Science Explorer Badge** - make a moon art project.
- **Brownie Painting Badge** - learning to paint the real world and a still life.
- **Junior Outdoor Art Explorer Badge** - making an outdoor themed impression.
- **Junior Eco Camper Badge** - planning meals with a pizza box solar cooker.
- **Cadette Think Like a Citizen Scientist Journey** - jumping into the scientific method.
- **Cadette Comic Artist Badge** - make sticky-note comics.

Check out all the available activities, videos and badge opportunities at girlscouts.org/en/girl-scouts-at-home.html. Have your parent or troop leader email any photos of you working on a Girl Scout activity at home to cassie@gsmanitou.org.

EAT. SHARE. CARE.

To protect girls and communities in the wake of COVID-19, cookie booths were canceled, causing many troops to still have cookies to sell. Girl Scouts of the USA and Girl Scouts of Manitou Council are helping troops and girls find new ways to sell and donate cookies so local programming can continue, but we need your support. Girl Scouts of the USA launched a digital campaign to Eat. Share. Show Communities We Care.

Cookie fans are encouraged to buy their favorite cookies online and have them shipped directly to their doors, or purchase cookies to donate. Girl Scouts, parents, and troop leaders who may have already sold all their cookies are encouraged to help their sister Girl Scouts who were forced to cancel their booths due to COVID-19 and promote this opportunity.



Special for Girl Scouts of Manitou Council orders: For every box of cookies that a customer in a Manitou Council zip code purchases to enjoy themselves, a box will be donated to local charities in our council, when it is safe to do so (up to 10,000 boxes of donated cookies). If customers do not wish to have cookies for themselves but would still like to support our Girl Scouts, they can also purchase cookies to donate.

Support your sister Girl Scouts by promoting the Eat Share Care campaign at www.girlscouts.org/en/cookie-care.html.

MEDIA STARS



One easy thing Girl Scouts of ALL AGES can do at home (with minimal parental supervision) is become a Media Star. The Manitou Council Director of Communications started this program to work with Girl Scouts to tell their stories and share their creativity. For participating, Girl Scouts receive the special Media Star fun patch for free.

Sharing a story can mean a lot of things: an art project, a self-portrait, vision or inspiration board, news article, fictional story, listicle, quiz, video, song, script, blog post, and more. The sky is the limit! The topic can be anything related to Girl Scouts or current events. Our Director of Communications is virtually available to help girls throughout the process. Questions or have a completed project? Contact cassie@gsmanitou.org.

RAISING AWESOME GIRLS: HOW TO TALK TO YOUR GIRL ABOUT CORONAVIRUS

Rule number one when it comes to emergencies? Stay calm. But with the new coronavirus (COVID-19) spreading rapidly around the globe, stress and worry can seem downright contagious. Basically, your girl could likely use a sense of calm in her life right about now, and you can help.



In fact, having a conversation with her about coronavirus could be the most important thing you do with your girl all week. Depending on her age, simply asking what she's heard about coronavirus and how she's feeling about it not only helps ensure she's getting correct information, but also lets her know this topic isn't off-limits and you're there to support her and help her understand her emotions, whatever they may be. Here are some basic dos and don'ts when it comes to handling this subject with care:

- **DO** let her know that feelings of fear, sadness, anger, and even confusion are totally normal in times like these.
- **DON'T** lead into the conversation by asking if she's scared or upset. If she's not already feeling that way, there's no need to suggest that she should.
- **DO** answer her questions about things she's observing in an age-appropriate and accurate way.
- **DON'T** be afraid to admit you don't have all the answers! Turn to the Centers for Disease Control and Prevention (CDC) and other trusted resources, if you're not sure about what you hear in the news.
- **DO** give your girl the tools to stay as healthy as possible. Taking practical steps to protect herself can give your girl a sense of control in times when she might otherwise feel afraid.
- **DON'T** turn a blind eye to stereotypes or generalizations that have been made about who "started" coronavirus or who might be most likely to have it.
- **DON'T** feed the culture of panic. Remember: your girl is taking her cues from you. If you're staying on track, she's more likely to as well.
- **DO** let her know that this is a conversation you can continue as the days and weeks go by.
- **DON'T** forget the power of the basics. Doubling down on routines like mealtimes, bedtime rituals, and quality family time can go a long way in keeping her world as calm and steady as possible.

RAISING AWESOME GIRLS: HELP HER COPE WITH DISAPPOINTMENT

In the world impacted by the new coronavirus, it can seem like everything fun and even meaningful has been canceled. From birthday parties and vacations to school plays, sports, and possibly even graduation ceremonies, a lot of special moments your girl has hoped and planned for are suddenly either postponed or simply not happening.

Of course, in the grand scheme of things, missing out on a planned field trip or play date is a small amount of suffering compared to those whose loved ones may become ill or are at high risk for the virus, but that doesn't mean your girl won't feel disappointed. Here's how you can help her cope and learn to be resilient in these rapidly changing times.

Be Honest: Trying to shield your girl from the truth for as long as possible might seem easier than telling her something she's really been looking forward to has been canceled. Your girl is depending on you now more than ever to be on her team as someone she can trust and it's important not to hide information from her.

Give Her Space: Bottling up feelings and acting as though everything is fine when it's actually not isn't good for anyone's mental health. It's important for her to know that feeling disappointed right now is totally normal and even healthy. Let her know you're disappointed about things right now too, then give her a little time and space to get out her frustrations. Encourage her to safely connect with friends who are likely going through similar disappointments right now to help her see she's not the only one feeling sad or angry.

Have Her Lead the Path Forward: Sit with her and have her come up with new plans that will work within your current circumstances. Coming up with creative solutions in challenging times is a skill that can give her a sense of control during the coronavirus pandemic and show her how to thoughtfully be of service to others throughout her life.

Let Her Help: A lot of people are feeling scared, angry, and lonely right now and could use a little cheering up. Have her think of ways that she can bring some happiness and joy to people feeling isolated or frightened. Finding a way to give back can give her a sense of purpose and control while also making the world a better place.

Find more advice on all things Raising Awesome Girls on [girlscouts.org](https://www.girlscouts.org)!

GIRLS OF COURAGE, CONFIDENCE & CHARACTER: 3 AMAZING LIFE LESSONS FROM A HIGH ADVENTURE GIRL SCOUT



Victoria, 16, is a Girl Scout Ambassador who participates in a high-adventure program through Girl Scouts Heart of Central California.

It sounds kind of major, but it's true: my life would be totally different without Girl Scouts. I used to get so ahead of myself - feeling in a rush to act without really know what I was doing - or just doubting my own abilities. But going on outdoor adventures with Girl Scouts has changed all of that. I've hiked the Grand Canyon and crawled through underground

tunnels formed by lava. I've helped other Girl Scouts battle elevation sickness and cheered them on as they climbed to the tops of mountains in Yosemite. When you've done those things, you kind of take a step back and think, "What can't I accomplish?!" I've learned three huge life lessons that I want to share with the world. I hope they inspire you to reach higher.

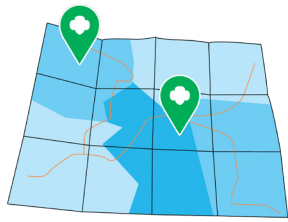
1. Work Together to Rise to the Top

Real leadership isn't about the one person leading and everybody else just doing whatever they're told - it's actually way more about collaboration and coming together as a team. On our eight-day trip through the Grand Canyon, each of us Girl Scouts had a pack of gear to carry, and they were pretty heavy - about 35 pounds each. At one point, we noticed one girl was really struggling with the weight

of her gear, and it was making it hard for her to keep up. We all wanted to help, so we stopped and decided we'd take a bunch of stuff out of her bag and redistribute among the rest of us. In the end, each of us just had a little more to carry - my pack honestly wasn't much heavier - but it made a huge difference for the girl who'd been lagging behind. In fact, once her pack was more manageable, she moved to the front of the group and set the pace for the whole troop. So maybe she wasn't as physically capable of carrying as much weight as the rest of us were, but she turned out to be an awesome navigator! Everybody has different strengths and talents, and when we take the time to see them and make the best use of them, we all end up doing better.



2. Know Where You Are on Your Map



You know how everybody says life is a journey? Well, it is, but it doesn't do much good to know that unless you can also see exactly where you are on that journey. And to do that, you've got to ask yourself some questions. Where have you come from? What have you learned? Where have you failed? What can you work on and improve? And the big one - where are you trying to go? When you start answering these questions, you can start getting ready not just for what you hope is up ahead, but also for the unexpected. Just like when you're hiking, you've got to keep track of where you are and what might come up ahead. The weather might be bad. There might be a downed tree in your path. Maybe your friend scrapes her knee. If you don't even have a clue where you are, any unexpected situation is going to be ten times worse. But if you do know where you are, and have a handle on which tools are available and which skills you've got, you can take a deep breath and handle just about anything the world puts in your way.

3. Disconnect to Stay Charged

I love my phone, but one of the main reasons I love being out in the woods on these big adventures is that there's absolutely no cell service a lot of the time. I'll admit, the first couple of times I went out and noticed I had no bars and couldn't use my phone, it kind of freaked me out a little bit. I'm so used to checking social all the time! But then I realized it was actually really freeing. I guess day-to-day, I didn't really notice, but there's all this pressure to be on Insta, to be texting, to keep up with everybody and everything all the time - and although it can be fun, it's also really stressful. But when you can't access it, it's like this huge weight has lifted, and instead of staring at your phone, you can actually appreciate nature, what's in front of you, and who's actually right there with you. It's a deeper level of connection in a way, because you have to really focus and be present. You end up having really great conversations, achieving things you never dreamed of, and even just seeing the world around you differently. I wouldn't want to give up my phone all the time, but going on trips with my High-Adventure Girl Scouts and having that break from being constantly connected is always a much needed breath of air.



Learn more about her story at [girlscouts.org](https://www.girlscouts.org)!

YOUR
wings
ALREADY
EXIST. ALL YOU
HAVE
TO DO
SOAR



STEM SPOT: HOW TO MAKE BOUNCY BALLS

Materials:

- 1 tablespoon borax
- 1/2 cup warm water
- 2 tablespoons of white glue
- 1 tablespoon cornstarch
- Food color (optional)

Here's what to do:

- Add borax to water, stir to dissolve the borax.
- Stir glue and cornstarch together until combined. Add a couple of drops of food coloring if you want a colored bouncy ball.
- Pour glue mixture into the borax water and let sit for about 10-15 seconds. The glue mixture should start to harden and be easily removed from the container.
- Grab the mixture and squish it between your hands. If it is a bit sticky, continue to roll between hands and stickiness should disappear. If it doesn't, dunk back in the borax water and it should firm up.

How does this work? When the glue was added to the borax water, the borax reacted with the glue causing the polymers (long chains of molecules) in the glue to stick together and form an elastomer. When the glue mixture was added to the borax, the borax acted as a cross-linker, hooking the glue's molecules together to form the bouncy ball. The cornstarch was added to help bind the molecules together so the ball would hold its shape.

The ball can bounce because of the cross-linked polymers. Since the long polymer chains are flexible, when the ball hits the ground, it is able to momentarily deform. The polymers also make the ball elastic, meaning it tends to retain its shape. Once the ball hits the ground and becomes flattened, the elasticity causes the ball to return to its round shape and pushes the ball back into the air.

Source: [The Stem Laboratory](#)



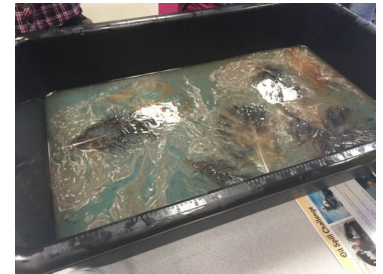
STEM SPOT: OIL SPILL SIMULATION

Materials:

- 2 clear cups
- Pan/dish
- 1 cup of water
- Blue food coloring (optional)
- Feathers
- Cotton balls
- Sponge
- 1 cup canola oil
- 1 tablespoon coco powder
- Spoon
- 1 tablespoon dish soap

Here's what to do:

- Add water to pan, and add blue food coloring if you choose so that water mimics ocean water.
- Mix together canola oil and coco powder to give the oil a thick, dark look that mimics crude oil. Add oil to pan. Be sure to mix water and oil.
- Add feather to the pan, making sure oil gets on the feathers.
- Try to get all of the oil out of the water by using things like cotton balls, sponge, spoon, or whatever else you can think of.
- Work to remove the oil from the feathers using dish soap, or anything else you can think of.



Why? The purpose of this simulation is to learn about oil spills and the effect on the environment. The feathers represent marine life. Was it hard to get the oil off the feathers? Was it hard to get the oil out of the water? Do you have any ideas on ways to prevent oil spills from occurring? Do you have any ideas on what people can do if an oil spill does happen? Think about ways you can educate the public about this problem.

Source: [Vivify STEM](#) & [Teachers Pay Teachers](#)

CRAFT CRAZE: GALAXY JAR

You'll need:

- 3-4 colors of acrylic paint (think blues, purples and pinks for galaxy, but you can also experiment with different colors and themes)
- Water bottle or jar
- Cups
- Funnel
- Cotton balls
- Glitter
- Water

Here's what you'll do:

1. Stick a couple of cotton balls in an empty water bottle or jar. Use a pencil to poke them flat. Add a generous amount of glitter on top.
2. Fill a cup halfway with water and put 3-4 squirts of paint in. You'll need a separate cup for each color of paint. Mix paint into water until combined.
3. Use the funnel to pour a color on top of the cotton balls.
4. Continue this process lay by layer with different colors. Experiment what happens when you use more or less cotton balls on each layer.
5. When finished, glue the the lid on so the bottle/jar can't be opened or spilled.

Source: [Crafty Morning](#)



CRAFT CRAZE: DIY KALEIDOSCOPE

Here's what you'll do:

1. Tip: If you are using plain white paper, draw on it first.
2. Squeeze glue all over the scrapbook paper and roll the paper towel tube up in it. Cut excess paper from ends.
3. Trace the end of the tube on scrap plastic three times and cut out all three circles.
4. Hot glue one circle on the bottom end of the tube.
5. Drop your beads into the tube. Put enough to almost cover plastic.
6. Place second plastic circle inside tube. Use pencil or marker to push it down and loosely cover the beads. Do not push it snug up against them! If it is too tight, the beads won't move around between plastic discs.
7. Cut three strips of cardboard that are 1 inch wide and almost as long as the tube you are using. Cover each strip with foil.
8. Glue strips into triangle shape and place inside tube. This will create the kaleidoscope effect. If it seems loose, place glue on bottom end.
9. Glue last plastic circle on the open end. This is the end you look through.
10. Decorate with washi tape, stickers, or color if you haven't already. Hold up to the light and turn to view!

Source: [Darcy and Brian](#)

You'll need:

- Paper towel tube
- 12x12 cardstock or scrapbook paper
- Thin clear plastic (can be scrap from packaging)
- Colorful translucent beads
- Cardboard
- Aluminum foil
- Hot glue gun
- Scissors
- Marker
- Washi tape or other decorations (optional)



RECIPE TIME:



Samoas® Popcorn

Ready in 30 min Makes 10-12 cups



What you need:

Ingredients

- ½ cup un-popped popcorn (10-12 cups popped)
- 1 tablespoon vegetable oil
- 2 cups toasted sweetened coconut
- 14 Samoas cookies, coarsely chopped
- ½ cup semi-sweet chocolate chips

Caramel sauce

- 1 cup brown sugar
- ½ cup butter
- ¼ cup milk
- 1 teaspoon vanilla extract
- ⅛ teaspoon salt or kosher salt (optional)

Equipment

- Large lidded saucepan
- Large heatproof mixing bowl
- 4-quart saucepan
- 2 baking sheets
- Parchment paper

Directions:

1. Gather ingredients and equipment

Arrange two oven racks in the top and bottom third of the oven and preheat to 300° F. Line the baking sheets with parchment paper. Once you start making the caramel sauce, everything comes together quickly. Have all the ingredients and equipment ready.

2. Make the popcorn

Warm 3 corn kernels and oil in a large lidded saucepan over medium heat. When the kernels pop, add the rest of the kernels to the pan, shake to coat with oil, and put the lid on the pan. Pop the corn, shaking the pan occasionally, until the popping slows. Empty popped corn immediately into a large heat-proof bowl. This makes about 10 cups of popcorn; make in two batches if your pan is not large enough.

3. Make the caramel sauce and cover popcorn

Bring brown sugar, butter and milk to a gentle boil over medium heat. Cook until thickened 1 to 2 minutes. Remove from heat and add vanilla extract and salt. Pour caramel over popcorn and stir to coat.

4. Add more flavor

Add 1 cup of coconut and half of chopped Samoas. Spread popcorn mixture onto parchment lined cookie sheets. Bake for 10 minutes. Remove and sprinkle with remaining coconut and chopped Samoas over popcorn. In microwave melt chocolate chips in 20 second increments (stirring in between) until smooth. Drizzle chocolate over the popcorn.

Allow popcorn to sit until caramel is set and chocolate is hardened. Break into pieces and ENJOY!

RECIPE TIME:

Samoas®

Chewy and Rich!

Samoas® Sweet Potatoes

Ingredients

- 1 box of Samoas® Girl Scout Cookies
- 3 lbs. sweet potatoes
- ½ cup brown sugar
- 1 tsp. cinnamon
- 1 tsp. ginger
- 1 tsp. nutmeg
- ½ lb. of butter
- ½ cup of mini marshmallows (optional)
- Salt and pepper to taste

Directions

1. Preheat oven to 400 degrees F.
2. Bake sweet potatoes for 1 hour. Then, remove to cool and peel.
3. Turn oven temperature down to 350 degrees F.
4. Mash potatoes and add rest of ingredients. Season to taste.
5. Place mixture in casserole dish and layer with Samoas®. Bake until cookies melt.
6. Top with mini marshmallows and bake until lightly brown.



Yields 4 servings

ACTIVITY TIME: CAMP CATALOG SCAVENGER HUNT

Now that you have your camp catalog and have had the chance to look through it and get excited for summer, we've got a fun activity for you! Get out those camp catalogs and tackle the camp catalog scavenger hunt!

1. How many pictures are there from the front cover to back cover?
2. How much does a three night session cost at Camp Manitou?
3. What grade do you have to be in to attend Counselor In Training I (CIT I)?
4. What color represents Camp Evelyn in the catalog?
5. On what page will you find out about opportunities to camp with your mom, dad, or favorite adult?
6. At which camp session will you be tackling an adventure course, seeing animals up close with a wildlife specialist, and building a survival shelter?
7. What are the names of the sessions focused on water?
8. When is the Big 12-Nighter?
9. What will CIT I's work on in small groups?
10. What cool field trip will happen during All About Art?
11. How many day sessions are there?
12. Who can come to Girl Scout camp?
13. What are the three different ways you'll experience camp activities and fun?
14. How many items come in the Evelyn Memories Care Package?
15. How many tips from the experts are there?

Think you have them all? Check your answers on the bottom of the next page!



ACTIVITY TIME: GIRL SCOUT WORD SEARCH

WORDS:

- Adventure
- Ambassador
- Art
- Badges
- Brownie
- Cadette
- Camp
- Caring
- Character
- Community
- Cookies
- Courageous
- Daisy
- Engineering
- Entrepreneur
- Environment
- Friendship
- Green
- Honest
- Journey
- Junior
- Leadership
- Math
- Outdoors
- Patches
- Petals
- Responsible
- Savannah
- Science
- Senior
- Service
- Sister
- Skills
- Swaps
- Technology
- Travel
- Tefoil
- Troop
- Uniform

C C N C W S U O C T P R A I P E E V Q C
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 T R Z A I R M A H N J D V S E R V I C E
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 X Q U N G A P Q B L P Z E K S P M C E M
 K F V W F K V G Y S P H Y X R E J Z B Q



Answers: (1) 114, (2) \$425, (3) Grade 9 or higher, (4) Green, (5) Page 11, (6) Girl vs Wild, (7) World of Water, just Add Water and Rock & Water Adventures, (8) July 12-24, (9) Take Action Project, (10) John Michael Kohler Arts Center, (11) 9, (12) Any girl entering grades 1-12, even if she isn't a Girl Scout, (13) All Camp, Unit, Individual, (14) 10, (15) 13.

10 Butterfly Fun Facts

1

Butterflies flap their four wings in a figure-8 pattern.

2

Butterflies taste with their feet!

3

Female butterflies attach their eggs to leaves using a special glue they produce.

4

A group of butterflies is sometimes called a flutter. Other names for a group of butterflies include swarm, flight, rainbow and kaleidoscope.

5

Engineers are learning how to improve drones by studying butterflies!

6

A butterfly has a mouth like a coiled straw called a proboscis. It eats liquid nectar from flowers.

7

There are about 18,000 species of butterflies worldwide, and about 750 species in the United States.

8

The monarch butterfly migrates as many as 3,000 miles to southwestern Mexico!

9

The study of moths and butterflies is known as lepidopterology.

10

The Butterfly Effect is a scientific theory that a small action (like the flap of a butterfly's wings) can make a big impact on the world!

More fun facts
on the Girl Scouts® My Cookie Friend
website at mycookiefriend.com



Lifecycle of a Butterfly

Stage 1: the egg. A butterfly begins as a tiny oval, round or cylindrical egg, depending on the species.

Stage 2: the larvae. When the egg hatches, a caterpillar or larva emerges. Caterpillars grow quickly and shed their skin several times during the growth stage. This process is called molting.

Stage 3: the Chrysalis. When a caterpillar reaches full size, it forms into a chrysalis or pupa. Inside, the caterpillar is beginning to undergo a transformation or metamorphosis.

Stage 4: the Butterfly. The butterfly emerges from the chrysalis with small, wet and wrinkly wings. After a rest period, the butterfly pumps blood into its wings and begins to fly.

Protect the Pollinators

Butterflies are pollinators and pollinators are important!

When butterflies drink nectar from a flower, pollen sticks to them and is transported from one flower to another. This fertilizes plants so they can produce fruits, seeds and young plants.

Butterflies need your help. Several species, including the monarch, are threatened by loss of habitat, pesticides and climate change.

How You can Help

1

Limit the Use of Pesticides

If pests are a concern in your yard or garden, try introducing "beneficial" bugs such as praying mantis, green lacewings and lady beetles.

2

Create a "No Mow Zone"

Choose a small patch of your lawn that is only mowed once or twice a year, to allow native plants to regenerate.

3

Prepare for Landing

Create a fruit oasis with a homemade hanging feeder, or provide a shallow puddle with water, sand and landing stones for butterflies to soak up minerals and salt.

4

Make a Monarch Waystation

Plant a colorful flower garden using native plants and include milkweed. Milkweed leaves are the only food monarch caterpillars eat.