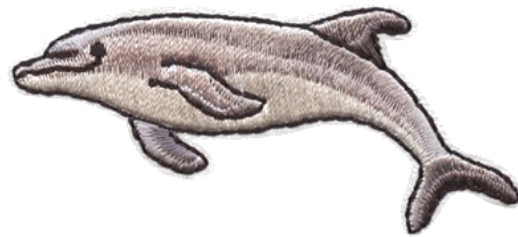


# Dolphins



Dolphin Patch

Learn all about dolphin anatomy, training, and more as you earn your Dolphins. Daisies and Brownies complete 3 activities. Juniors to Ambassadors complete 4.

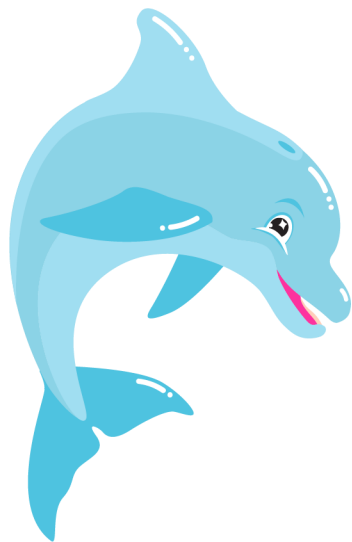
**Live Virtual Programs:** Join Girl Scouts from across our council to learn all about dolphins and careers working with dolphins. Bring your dolphin questions to ask the experts!

- January 7th, 10:00am to 10:30am AKST— **If a Dolphin Were a Fish:** Join the Mote Marine Laboratory for a reading of the book “If a Dolphin Were a Fish” and explore the characteristics of dolphins and what makes them unique. Recommended for grades K-3
- January 21st, 11:00am to 12:00pm AKST—**Marineland Virtual Dolphin Encounter:** Meet the trainers and educators from Marineland along with the dolphins they train to find out all about dolphins, why they train them and more.
- January 28th, 10:00am to 11:00am AKST—**Live from the Dock:** Meet a dolphin and trainer live from the Dolphin Research Center and get your dolphin questions answered. For grades K-12

Register for dolphin programs at [www.girlscoutsalaska.org/events](http://www.girlscoutsalaska.org/events).

**Dolphin Echolocation:** Explore how dolphins sense their environment using echolocation with this Echolocating with Dolphins game. <https://tinyurl.com/mvmrrrwj>

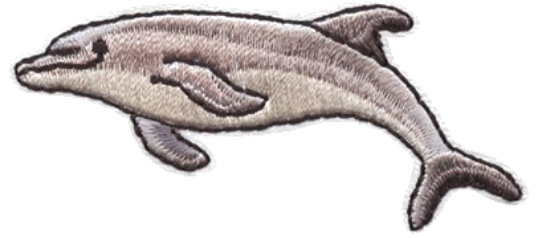
**Spooky!** One of the main threats to dolphins is “ghost gear”, which is fishing equipment that has been lost or dumped in the ocean. Ghost nets and ropes float around the ocean on the currents, entangling (tying up) not only dolphins, but sea turtles, fish, and other sea creatures. Learn more about this problem and take action by making a poster or writing a letter to someone who could make big changes. You can start your research here: <https://tinyurl.com/2p93kt3z>



**Beautiful Music:** Dolphins use complex language, just like we do! To communicate with each other, they use a combination of clicks, whistles, grunts, groans, squeaks, yelps, and other noises. When it’s all put together, it can sound like a song to us. Make your own dolphin song to sing with a friend!

**Terrific Teamwork:** Like many other animals, dolphins live in small social groups. A group of dolphins is called a ‘pod’. Each member of the pod has an important job to do when working together to get their food. Work together in your family “pod” to create a delicious meal to share!

# Dolphins



Dolphin Patch

Order your patches online here:

[cognitofirms.com/Girlscoutsalaska/GSAKPatchOrderForm](https://cognitofirms.com/Girlscoutsalaska/GSAKPatchOrderForm)

**Hunting with...Bubbles?** Bubbles are a fun pastime for us, but dolphins use them to hunt! They work together with other members of their pods (or family groups) to create 'bubble nets' by blowing bubbles in big circles around groups of fish. This makes it easier for them to catch their food. Visit Home Science Tools to learn how to make your own bubble solution at home (<https://tinyurl.com/3vryaexf>). They've even added instructions on how to do some bubble tricks!

**Holding Their Breath:** Dolphins breathe through their blowhole (the hole on top of their head). When they dive underwater, a muscle flap closes over it so they don't get water into their lungs. Their lungs and blood vessels are designed to process oxygen exchange more efficiently, which means they don't use up their oxygen as quickly when they're holding their breath. This miraculous ability let's them hold their breath for up to 10 minutes! Learn more about how lungs work by creating your own lung model at home! (<https://tinyurl.com/ysf9vmjd>)

**Dolphin Cam:** Watch live video of Clearwater Marine Aquarium's resident rescue dolphins. (<https://www.cmaquarium.org/webcams/winter-zone-cam-4/>) There are multiple cameras available, so make sure to scroll down and view the others if you're having trouble finding these finned friends. Also, check out the Kids' Zone section of their website (<https://www.cmaquarium.org/learn/kids-zone/>) for fun dolphin quizzes, activities, and more!

**Creative Problem-Solvers:** Dolphins are incredibly intelligent. Believe it or not, a dolphin brain is bigger in size than a human brain! They are one of the few species that have the ability to recognize themselves in a mirror and that have the creativity and intelligence to use objects as tools. Dolphins in Shark Bay in Western Australia, for instance, fit marine sponges over their beaks when they forage for fish so the sharp rocks don't stab them. That's amazing! Identify 5 tools that you use in your life everyday. (A tool is anything that helps you do something else. Examples include a can opener or a screw-driver.) As an extra challenge, create a *new* tool that could help you do something.

