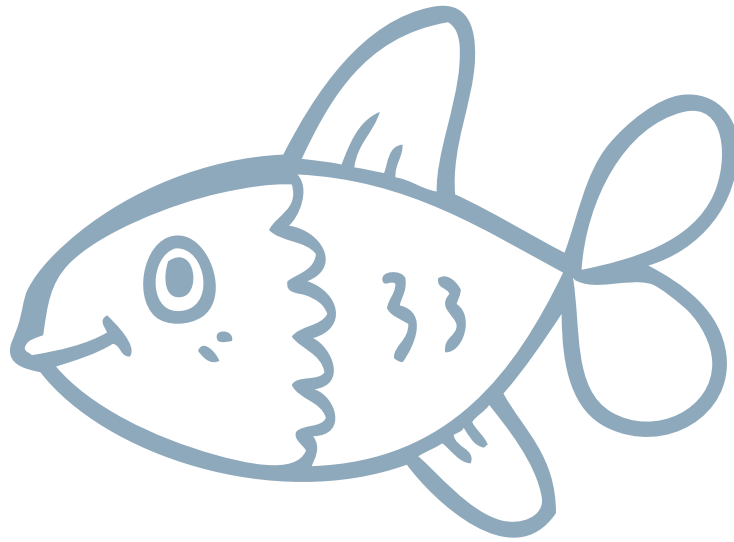


CUB SCOUT MEETING GUIDE

OCEAN EXPLORATION



INTRODUCTION

OCEAN EXPLORATION

This week you will become an oceanographer and explore a world of wonder under the sea. Use this book to help you on your adventures as you explore the world from under the sea. Your adventure starts now!

IN THIS GUIDE

- Lion: Rumble in the Jungle
- Tiger: Floats and Boats
- Wolf: Spirit of the Water
- Bear: A Bear Goes Fishing
- Webelos: Into the Wild
- DIY Fish Info Cards
- Shark Fin Hat

HOW TO USE THIS GUIDE

Find your Den's Adventure and complete the activities, some activities can be completed at home and others will be completed in our meeting, this is indicated with a yellow or blue star.

 **COMPLETE AT HOME**

 **COMPLETE IN MEETING**

LIONS



RUMBLE IN THE JUNGLE

- ★ 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.

TIGERS



FLOATS & BOATS

Complete Requirements 1-4 plus at least one other.

- ★ 1. With your den, say the SCOUT water safety chant.
- ★ 2. With your den, talk about why it's important to have a buddy and then play the buddy game.
- ★ 3. Show how to safely help someone who needs assistance in the water, without having to enter the water yourself.
- ★ 4. Show how to enter the water safely, blow your breath out under the water, and do a prone glide.
- ★ 5. Identify five different types of boats.
- ★ 6. Build a boat from recycled materials, and float it on the water.
- ★ 7. Show that you can put on and fasten a life jacket correctly.

WOLFS



SPIRIT OF THE WATER

Complete the following Requirements.

- ★ 1. Discuss how the water in your community can become polluted.
- ★ 2. Explain one way that you can help conserve water in your home.
- ★ 3. Explain to your den leader why swimming is good exercise.
- ★ 4. Explain the safety rules that you need to follow before
- ★ participating in swimming or boating.
- ★ 5. Visit a local pool or public swimming area with your family or Wolf den. With qualified supervision, jump into water that is at least chest-high, and swim 25 feet or more.

BEARS



A BEAR GOES FISHING

Complete at least three of the following.

- ★ 1. Discover and learn about three types of fish in your area. Draw a color picture of each fish, record what each one likes to eat, and describe what sort of habitat each likes.*
- ★ 2. Learn about your local fishing regulations with your den leader or a parent or guardian. List three of the regulations you learn about and one reason each regulation exists.
- ★ 3. Learn about fishing equipment, and make a simple fishing pole. Practice casting at a target.
- ★ 4. Go on a fishing adventure, and spend a minimum of one hour trying to catch a fish. Put into practice the things you have learned about fish and fishing equipment.

*The meeting will cover three types of fish, what they like to eat, and what sort of habitat they like. Draw your picture before or after the meeting.

WEBELOS



INTO THE WILD

Do six from requirements 1 through 9.

- ★ 1. Collect and care for an "insect, amphibian, or reptile zoo." You might have crickets, ants, grasshoppers, a lizard, or a toad (but be careful not to collect or move endangered species protected by federal or state law). Study them for a while and then let them go.
- ★ 2. Set up an aquarium or terrarium. Keep it for at least a month. Share your experience with your Webelos den by showing them photos or drawings of your project or by having them visit to see your project.
- ★ 3. Watch for birds in your yard, neighborhood, or town for one week. Identify the birds you see, and write down where and when you saw them.
- ★ 4. Learn about the bird flyways closest to your home. Find out which birds use these flyways.
- ★ 5. Watch at least four wild creatures (reptiles, amphibians, arachnids, fish, insects, or mammals) in the wild. Describe the kind of place (forest, field, marsh, yard, or park) where you saw them. Tell what they were doing.
- ★ 6. Identify an insect, reptile, bird, or other wild animal that is found only in your area of the country. Tell why it survives in your area.
- ★ 7. Give examples of at least two of the following:
 - (a) A producer, a consumer, and a decomposer in the food chain of an ecosystem
 - (b) One way humans have changed the balance of nature
 - (c) How you can help protect the balance of nature

WEBELOS

INTO THE WILD (CONTINUED)

- ★ 8. Learn about aquatic ecosystems and wetlands in your area. Talk with your Webelos den leader or family about the important role aquatic ecosystems and wetlands play in supporting life cycles of wildlife and humans, and list three ways you can help.
- ★ 9. Do ONE of the following:
 - (a) Visit a museum of natural history, a nature center, or a zoo with your family, Webelos den, or pack. Tell what you saw.
 - (b) Create a video of a wild creature doing something interesting, and share it with your family and den.

RAINBOW TROUT

WHAT THEY EAT:

THEIR HABITAT:

CHINOOK SALMON

WHAT THEY EAT:

THEIR HABITAT:

WHITE STURGEON

WHAT THEY EAT:

THEIR HABITAT:

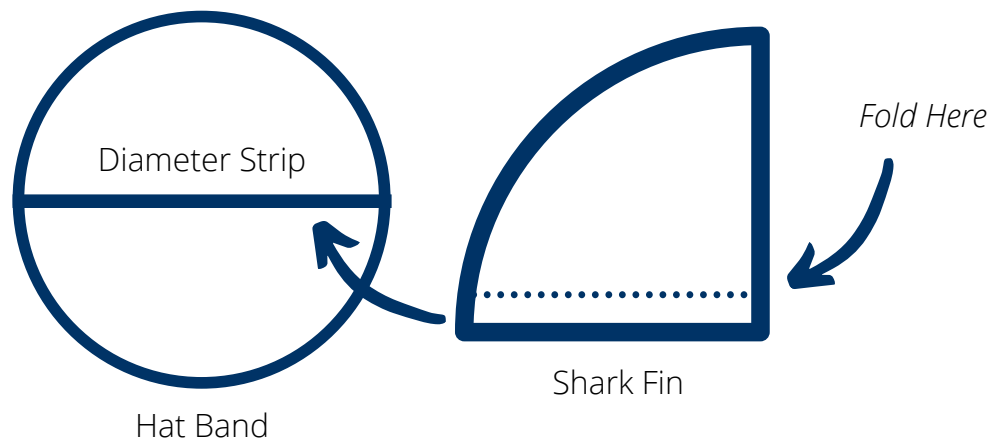
SHARK FIN HAT

MATERIALS:

- Cardstock Paper
- Pencil
- Tape
- Glue
- Scissors

MAKING YOUR SHARK FIN HAT

- Start by cutting 1.5 inch strip(s) out of the cardstock.
- Wrap the strips around your head to create a band for your hat that fits. Once you know how big you need it to be, tape it.
- Cut one more strip that is about 1 inch wide to go across the diameter of your hat band and attach it with tape. (see drawing below)
- Now, use your second piece of card stock to draw and cut out your shark fin. To help your shark fin hat stay up you can cut a second fin out of your third piece of cardstock. (see example shape below)
- Fold down about 1/2 inch at the bottom of your shark fin(s), glue or tape your fins together, and attach it to the 1 inch strip going across the diameter of your hat.



OCEAN ZONES EXPERIMENT

MATERIALS

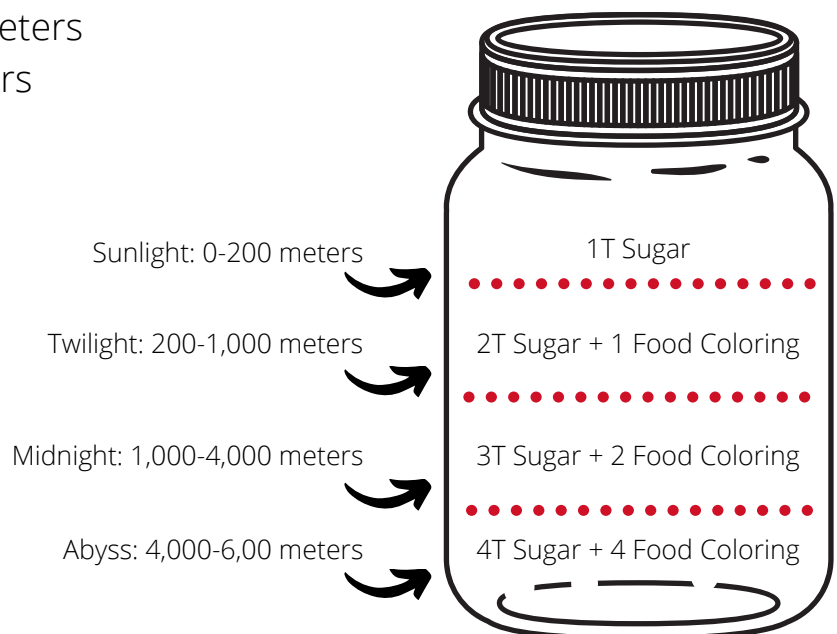
- Clear Cups or Jars
- Food Coloring
- Sugar
- Warm Water

EXPERIMENT

- Put 1/4 cup of warm water in four different cups.
- In the first cup, add 1 tablespoon of sugar.
- In the second cup, add 2 tablespoons of sugar and 1 drop of food coloring.
- In the third cup, add 3 tablespoons of sugar and 2 drops of food coloring.
- In the fourth cup, add 4 tablespoons of sugar and 4 drops of food coloring.
- Stir the sugar and food coloring to make sure it is completely dissolved.
- Add the cups of water to your cup or jar slowly starting with the most sugar to the least sugar.

OCEAN ZONES

- Abyss: 4,000-6,00 meters
- Midnight: 1,000-4,000 meters
- Twilight: 200-1,000 meters
- Sunlight: 0-200 meters





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