

Monterey Bay Aquarium Virtual Field Trip

Let's visit the Monterey Bay Aquarium in beautiful Monterey, California where girls can view ocean wildlife using live webcams (see live hours below).

[Monterey Bay Aquarium Live Webcams](#)

• Aviary Cam 7am – 7pm	• Moon Jelly 7am – 7pm
• Coral Reef 9:30am – 5pm	• Open Sea 7am – 7pm
• Jelly Cam 7am – 6pm	• Penguin 7am -5pm
• Kelp Forest Cam 7am – 7pm	• Sea Otter 7am – 7pm
• Monterey Bay Cam 24 hours	• Shark 7am – 7pm

Complete fun coloring pages while identifying animals in the coral reef and kelp forest. You can also create a penguin headband. You'll find more fun games and activities at the [Monterey Bay Aquarium](#) website.

Older girls can check out "[What's it like to work at the aquarium](#)". Girls can "meet" some Monterey Bay Aquarium staff and learn what it takes to do the things they do.

The Monterey Bay Aquarium has added [online courses and guided activities](#) to support learning at home. Content is available for grades K-12.

Hands On Activities:

Ocean Sunfish:

Learn about the Ocean Sunfish at [Nationalgeographic.com](#). The Ocean Sunfish, or Mola is the heaviest of all bony fish. The Ocean Sunfish can reach 14 feet tall and 10 feet across. They can weigh as much as 5,000 pounds.

Girls can create their own Ocean Sunfish using paper plates. Instructions are available at [buggyandbuddy.com](#)



Photo by [Mike Johnson](#), Smithsonian Magazine



Sea Turtles:

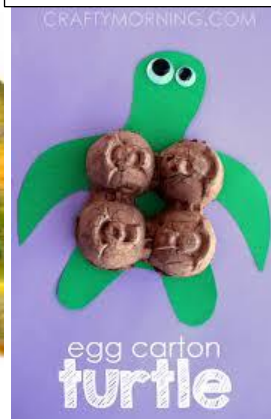
Next, learn about Sea Turtles! June 16 is World Sea Turtle Day! Girls can honor and celebrate our flippered friends on that day. Turtles live long, mysterious lives in the sea. Learn all about the [Green Turtle](#) from The Monterey Bay Aquarium. The Green Turtle is on view at the aquarium's 1 million gallon [Open Sea exhibit](#). Green Turtles may live up to 80 years, grow as long as four feet and can weigh 400 pounds.

Unfortunately, nearly all species of sea turtles, including the Green Turtle at the Monterey Bay Aquarium are endangered. Make a personal pledge to reduce your use of plastic! You can help by using less plastic bags and straws which sea turtles and other marine animals can mistake for food. If you must use plastics, be sure to recycle whenever possible. Learn more about how plastics affect sea turtles at the [World Wildlife Fund website](#).

Create a "turtle recycle reminder"! Use the plastic around your home to create a sea turtle. Hang your creation on your wall or on your refrigerator as a reminder to use less plastic and recycle. See some examples below:

[North Carolina Aquarium's Pinterest Page](#)

[Craftymorning.com](#)



Helpful Links:

Monterey Bay Aquarium:

<https://www.montereybayaquarium.org/>

World Wildlife Fund:

<https://www.worldwildlife.org/stories/what-do-sea-turtles-eat-unfortunately-plastic-bags>

National Geographic:

<https://www.nationalgeographic.com/animals/fish/o/ocean-sunfish/>



Get The Patch!

Email or call the GSSNV shop to purchase your patch.

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Don't forget to post photos of your creations on social media or send photos in to customerservice@girlscoutsnv.org. We'd love to see what you've accomplished!

Coral Reef Activity

How many creatures of the coral reef you can find?
You can use the field guide on the next page
to help identify them.



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Anemonefish
(clownfish)
Bluebarred
parrotfish
Blue sea star
Brain coral

Branching tube
sponge
Cleaner shrimp
Clown triggerfish
Dead man's
fingers

Elkhorn coral
Flame angelfish
Giant clam
Giant grouper
Lionfish

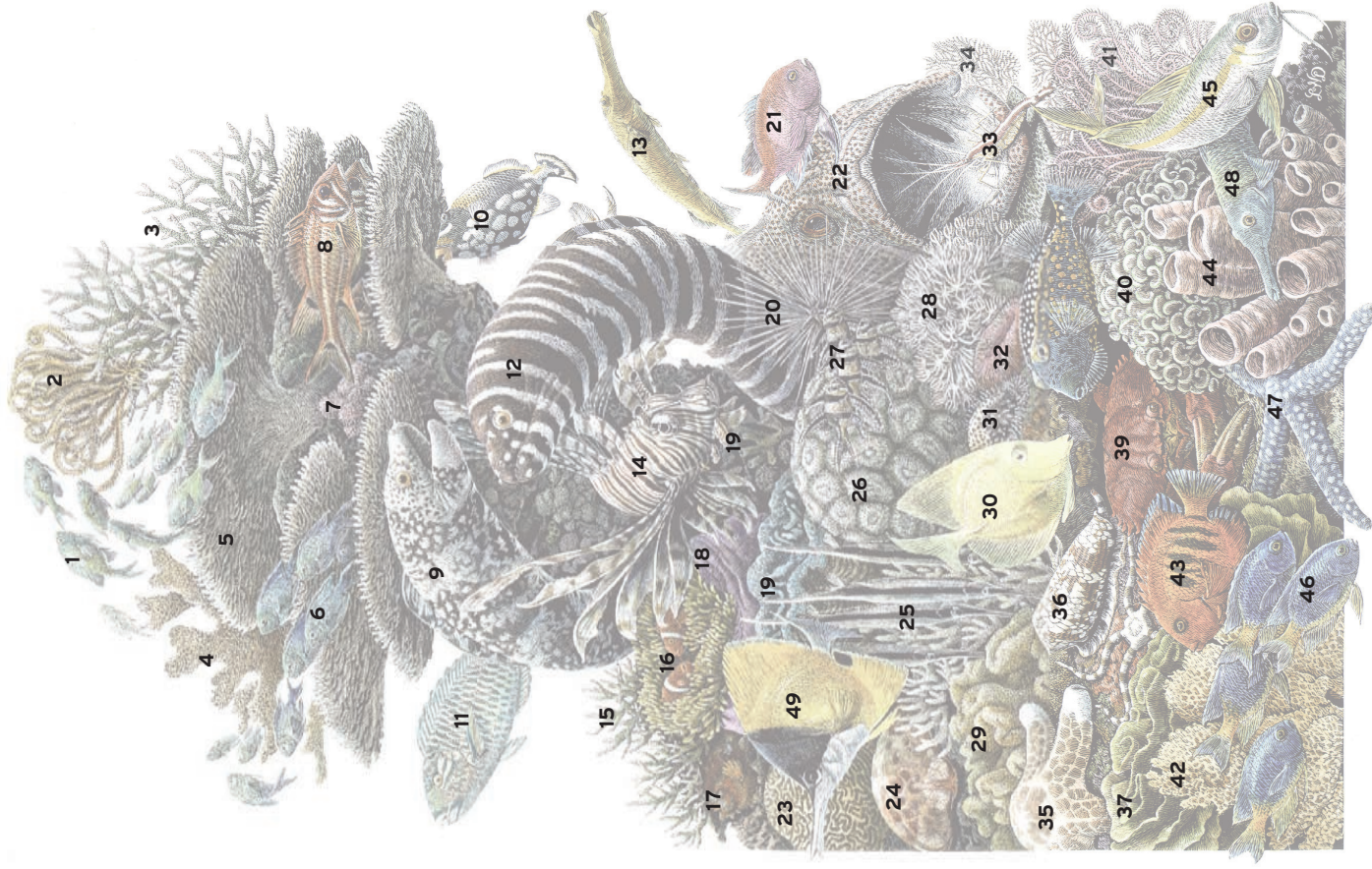
Longnose
butterflyfish
Long-spined
urchin

Many-armed
feather star
Red reef crab
Squarespot
Snowflake moray

Staghorn coral
Trumpetfish
Tiger cowrie
Yellow tang
Yellow goatfish
Zebra moray



Monterey Bay
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1. **Blue chromis**
Chromis sp.
2. **Feather star**
Oxycomanthus bennetti
3. **Staghorn coral**
Acropora sp.
4. **Elkhorn coral**
Acropora sp.
5. **Velvet coral**
Montipora sp.
6. **Blue-green damselfish**
Chromis sp.
7. **Soft coral**
Dendronephthya sp.
8. **Threespot squirrelfish**
Sargocentron cornutum
9. **Snowflake moray**
Echidna nebulosa
10. **Clown triggerfish**
Ballistodes conspicillum
11. **Bluebarred parrotfish**
Scarus ghobban
12. **Zebra moray**
Gymnomuraena zebra
13. **Trumpetfish**
Aulostomus chinensis
14. **Lionfish**
Pterois volitans
15. **Dead man's fingers**
Codium fragile
16. **Anemonefish**
Amphiprion sp.
17. **Frogfish**
Antennarius sp.
18. **Anemone**
Stichodactyla sp. or *Heteractis* sp.
19. **Giant clam**
Tridacna derasa
20. **Long-spined urchin**
Diadema antillarum
21. **Squarespot**
Pseudanthias pleurotaenia
22. **Giant grouper**
Epinephelus lanceolatus
23. **Maze brain coral**
Platygyra lamellina
24. **Cushion star**
Culcita novaeguineae
25. **Razorfish**
Aeoliscus strigatus
26. **Brain coral**
Lobophyllia sp.
27. **Banggai cardinalfish**
Pterapogon kauderni
28. **Pulsing Xenia**
Xenia sp.
29. **Toadstool leather coral**
Sarcophyton spp.
30. **Yellow tang**
Zebrasoma flavescens
31. **Tiger cowrie**
Cypraea tigris
32. **Disk coral**
Fungia spp.
33. **Cleaner shrimp**
Lysmata amboinensis
34. **Gorgonian fan**
Subergorgia mollis
35. **Granular sea star**
Choriaster granulatus
36. **Textile cone**
Conus textile
37. **Yellow scroll coral**
Turbinaria reniformis
38. **Gorgonian brittle star**
Ophiarachnella gorgonia
39. **Red reef crab**
Etisus splendidus
40. **Hammer coral**
Euphyllia spp.
41. **Many-armed feather star**
Comaster multibrachiatus
42. **Yellow fan sponge**
Ianthella flabelliformis
43. **Flame angelfish**
Centropyge loriculus
44. **Branching tube sponge**
Cribrochalina olemda
45. **Yellow goatfish**
Mulloidichthys vanicolensis
46. **Caerulean damsel**
Pomacentrus caeruleus
47. **Blue sea star**
Linckia laevigata
48. **Bird wrasse**
Gomphosus varius
49. **Longnose butterflyfish**
Forcipiger flavissimus



Kelp Forest Activity

How many creatures of the kelp forest you can find? You can use the field guide on the next page to help identify them.



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Bat star
Blue rockfish
Brandt's cormorant
Cobalt blue sponge
Cabezon

Decorator crab
Giant kelp
Gumboot chiton
Harbor seal
Hermit crab

Knobby sea star
Lingcod
Orange cup coral
Purple sea urchin
Red abalone

Sea cucumber
Sea lemon
Sea otter
Señorita

Sheephead
Solitary stalked tunicate
Spiny brittle star
Sunflower star

Turban snail
Western gull
Wolf-eel



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1. **Giant kelp**
Macrocystis pyrifera
2. **Sea otter**
Enhydra lutris nereis
3. **Brandt's cormorant**
Phalacrocorax penicillatus
4. **Western gull**
Larus occidentalis
5. **Blue rockfish**
Sebastes mystinus
6. **Kelp rockfish**
Sebastes atrovirens
7. **Kelp surfperch**
Brachyistius frenatus
8. **Señorita**
Oxyjulis californica
9. **Olive rockfish**
Sebastes serranoides
10. **Harbor seal**
Phoca vitulina
11. **Top snail**
Calliostoma spp.
12. **Turban snail**
Tegula spp.
13. **Giant kelpfish**
Heterostichus rostratus
14. **Kelp isopod**
Idotea sp.
15. **Kelp crab**
Pugettia producta
16. **Spiny brittle star**
Ophiotrix spiculata
17. **Purple sea urchin**
Strongylocentrotus purpuratus
18. **Red sea urchin**
Strongylocentrotus franciscanus
19. **Sheephead**
Semicossyphus pulcher
20. **Decorator crab**
Loxorhynchus crispatus
21. **Kelp greenling**
Hexagrammos decagrammus
22. **Hermit crab**
Pagurus hemphilli
23. **Understory kelp**
Pterygophora californica
24. **Articulated coralline algae**
Bosziella spp.
25. **Red sea grape**
Botryocladia pseudodichotoma
26. **Black & yellow rockfish**
Sebastes chrysomelas
27. **Encrusting coralline red algae**
Lithophyllum sp. or *Lithothamnion* sp.
28. **Lined chiton**
Tonicella lineata
29. **Gumboot chiton**
Cryptochiton stelleri
30. **Giant sea star**
Pisaster giganteus
31. **Cabezon**
Scorpaenichthys marmoratus
32. **Yellow doris nudibranch**
Doriopsilla sp.
33. **Red algae**
Chondracanthus corymbifera
34. **Red algae**
Rhodomenia spp.
35. **Red algae**
Calophyllis spp.
36. **Red algae**
Faucheia spp.
37. **Red turban snail**
Lithopoma gibberosa
38. **California Sea cucumber**
Parastichopus californicus
39. **Brown kelp**
Desmarestia ligulata
40. **Lingcod**
Ophiodon elongatus
41. **Cobalt blue sponge**
Hymenaphysia cyanocrypta
42. **Sea lemon**
Anisodoris nobilis
43. **Strawberry anemone**
Corynactis californica
44. **Tube worm**
Diopatra ornata
45. **Bat star**
Asterina miniata
46. **Wolf-eel**
Anarrhichthys ocellatus
47. **Sunflower star**
Pycnopodia helianthoides
48. **Red anemone**
Urticina crassicornis
49. **Solitary stalked tunicate**
Styela montereyensis
50. **Orange cup coral**
Balanophyllia elegans
51. **Spanish Shawl**
Fiabellinopsis iodinea
52. **Red abalone**
Haliotis rufescens
53. **Scaled worm snail**
Serpulorbis squamigerus
54. **Carapace from red rock crab**
Cancer productus

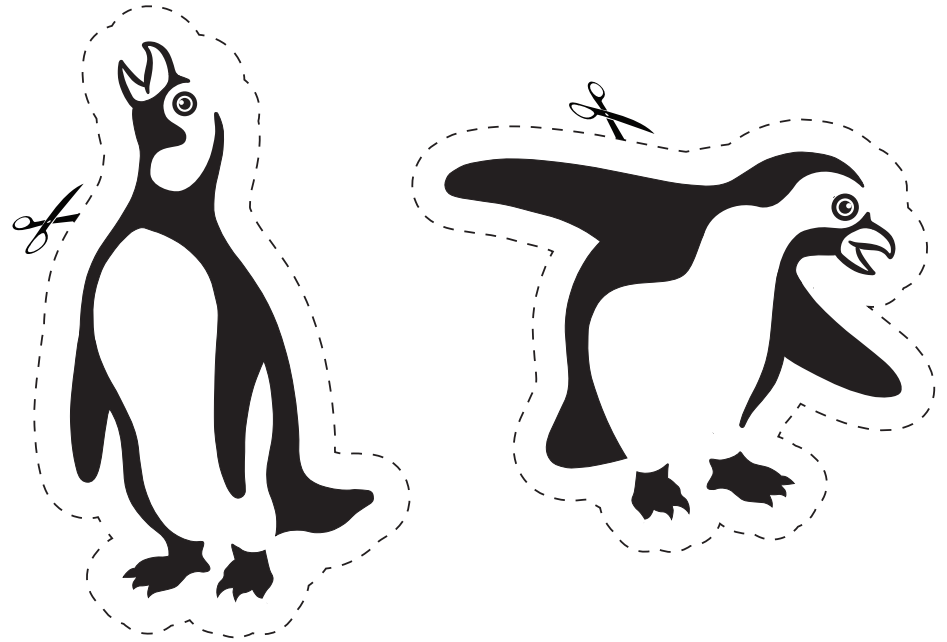


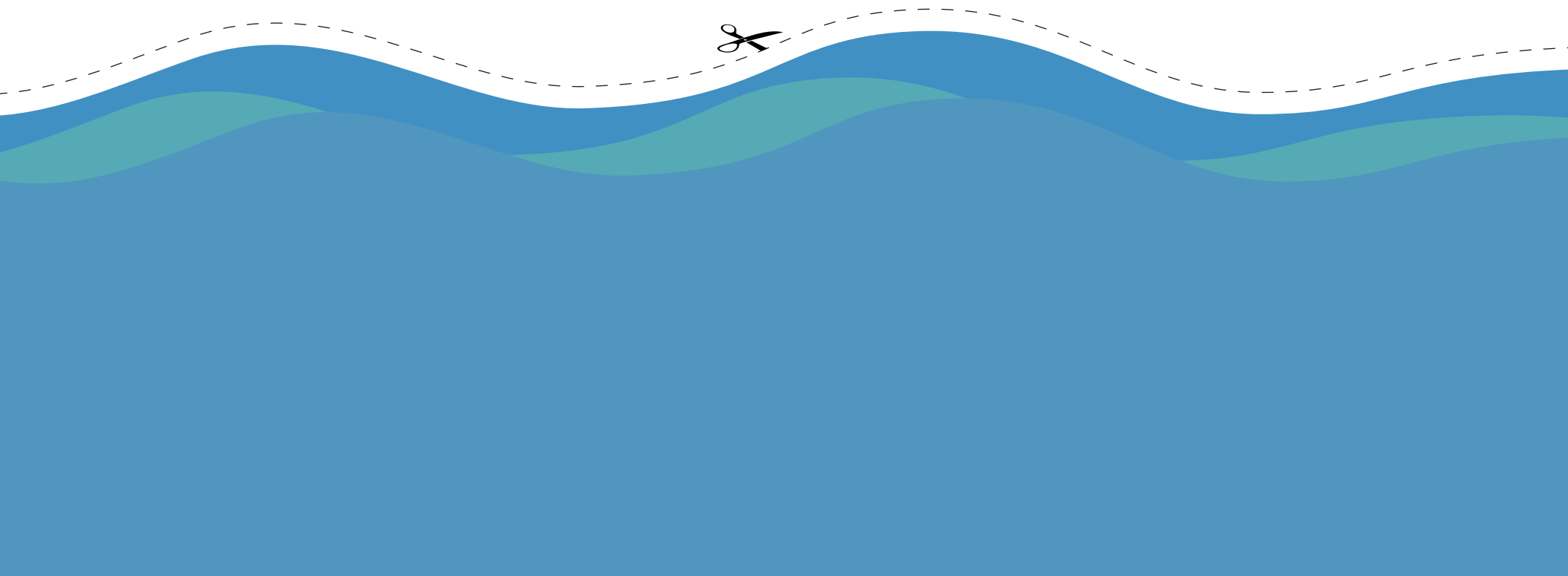
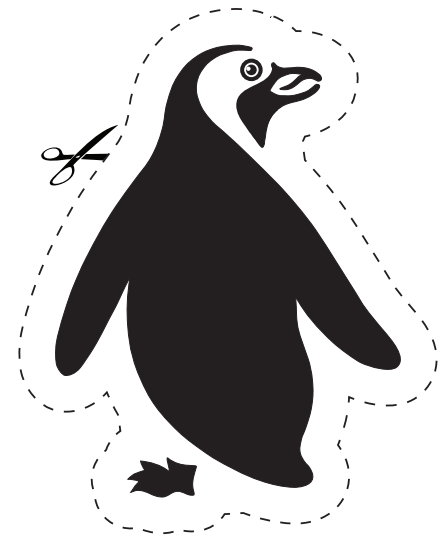
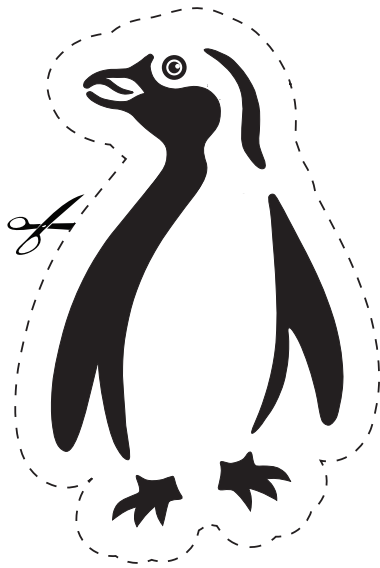
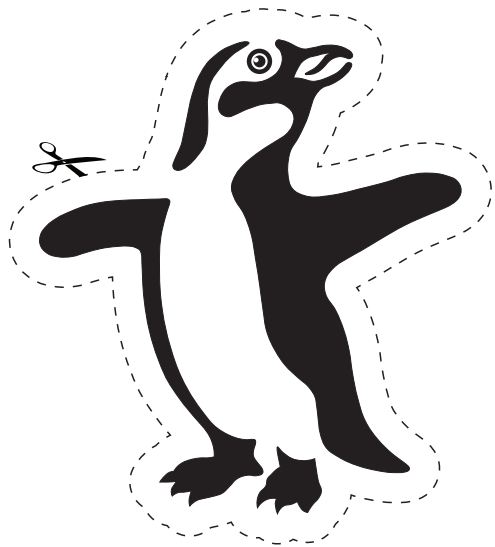
Penguin Headband

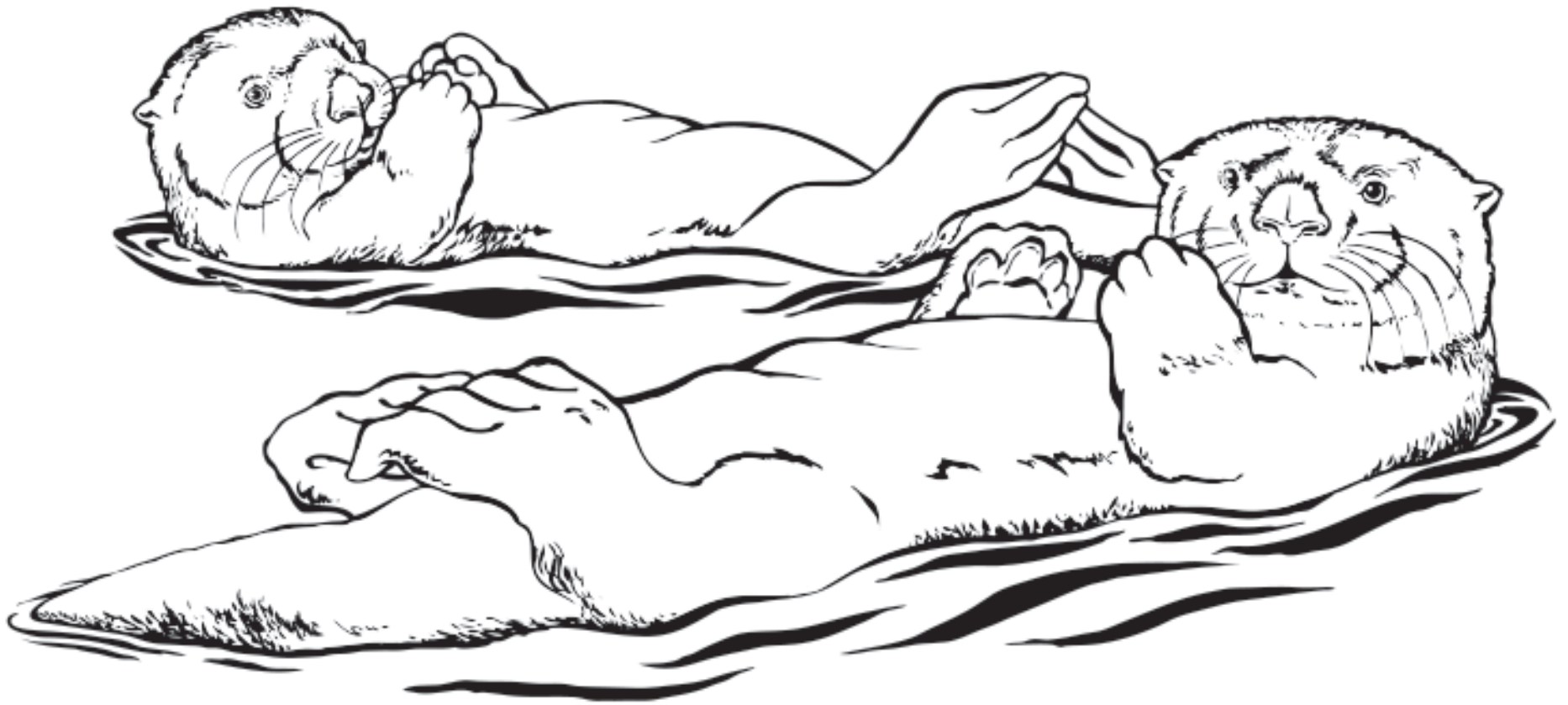
Make your own penguin headband and have a penguin party!

Instructions

1. Cut out the wave patterns.
2. If you printed the pages in color, tape the two wave patterns together to make a long, continuous headband.
3. If you printed the pages in black and white, place the wave shapes side-by-side on a strip of blue construction paper and trace and cut around them to create a long, continuous headband.
4. Color and cut out the penguin shapes, add any fabric decorations to the crown in a flowing manner so they look like water.
5. Glue your penguins to the headband, spacing them toward the front.
6. Measure your headband to fit your head, and then tape or glue it to fit.

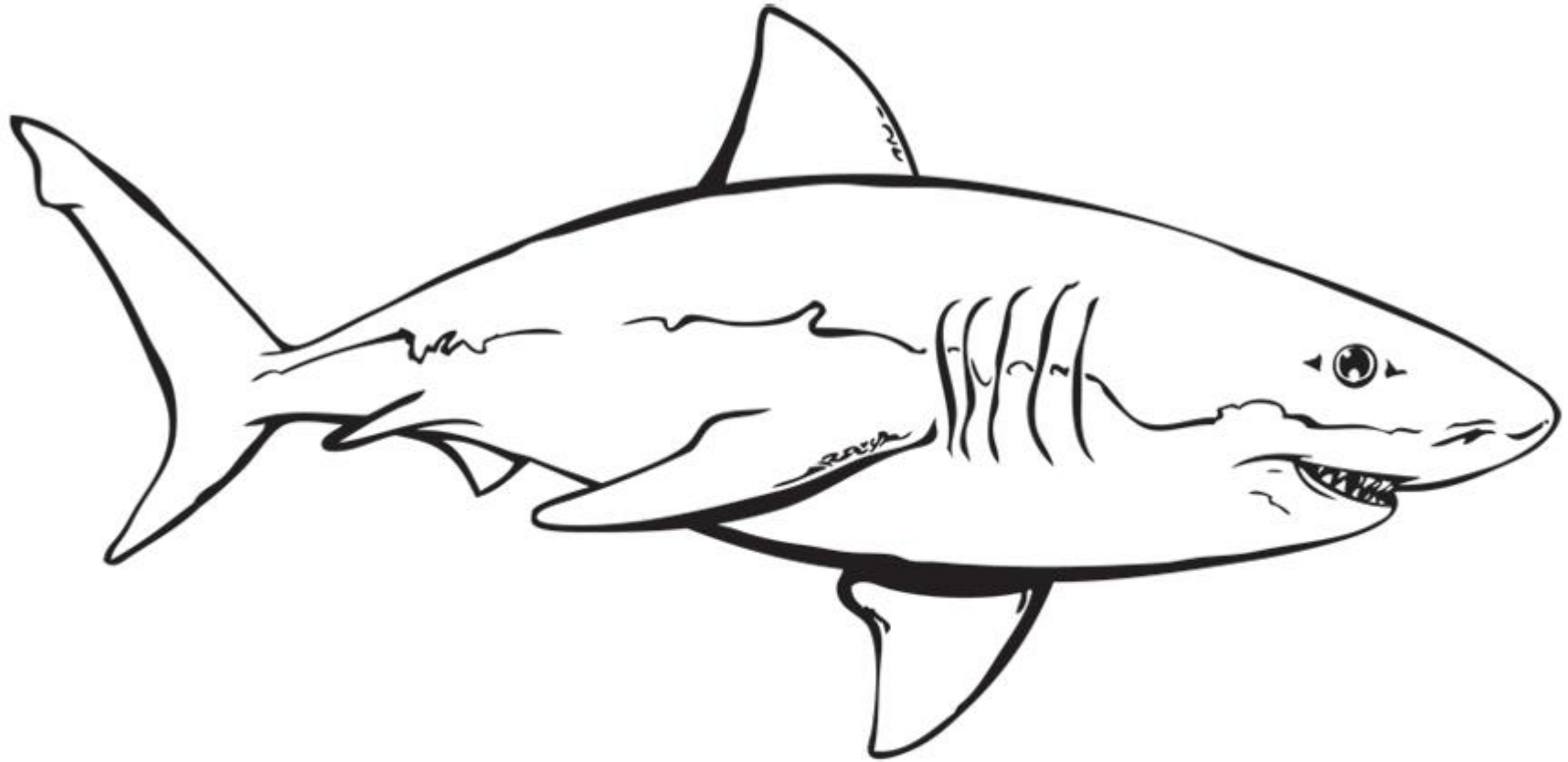






Sea Otters

Sea otters cuddle to stay together as the ocean moves.
What would be your favorite part of being a sea otter?



White Shark

This shark continuously grows new teeth and loses older teeth every day! How many teeth have you lost?



Kelp Forest Friends

Some animals hide in the kelp. Where do you like to play hide and seek?



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