

The Great TV Rebellion 2010 Pledge

I, _____

*pledge to participate in
the Great TV Rebellion as a:*

- ☐ *Eagle TV Rebel:* I will turn off my TV and electronic devices for Earth Week (April 19th- 25th), go outside to experience nature, and complete each activity in my Nature Journal.
- ☐ *Fox TV Rebel:* I will turn off my TV and electronic devices while the sun is out for all of Earth Week (April 19th- 25th) to explore nature, then keep them off all day on Earth Day.
- ☐ *Rabbit TV Rebel:* I will turn the television off for all of Earth Day (April 22nd) and play outside to enjoy the natural world.

During the Great TV Rebellion, I will:

- be kind and courteous to the plants and animals I discover.
- learn as much as possible from these creatures during my time outside.
- share my stories, pictures, drawings, and experiences with others in hopes of inspiring them.

*Most importantly, I pledge
to have fun and enjoy nature!*

Signature of Great TV Rebel

Signature of accompanying adult

The Great TV Rebellion, Day 1: Scavenger Hunt

It's time to start discovering nature! Find yourself a wild place, whether it's your backyard, a park, down by a river, or up in the hills, and see if you can find all of these objects. Don't forget to draw or describe your favorite in your nature notebook. What did you find?

- | | | |
|--|---|--|
| <input type="checkbox"/> Something soft | <input type="checkbox"/> Something new | <input type="checkbox"/> Something very dry |
| <input type="checkbox"/> Something spiky | <input type="checkbox"/> Something sharp | <input type="checkbox"/> Something an animal has left behind |
| <input type="checkbox"/> Something smooth | <input type="checkbox"/> Something with a shell | <input type="checkbox"/> Something a human has left behind |
| <input type="checkbox"/> Something strong | <input type="checkbox"/> Something closed | <input type="checkbox"/> Something ugly |
| <input type="checkbox"/> Something fragile | <input type="checkbox"/> Something open | <input type="checkbox"/> Something beautiful |
| <input type="checkbox"/> Something old | <input type="checkbox"/> Something moist | |



Did you know?

By using tiny, microscopic structures that mimic butterfly wings, scientists have created paints, fabrics, and cosmetics that use less energy to make and don't contain harmful materials.

That's biomimicry!
Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:

The Great TV Rebellion, Day 2:

Animal Tracks

Did you find many animal tracks in your neighborhood? Draw an outline of each track you found and note where you found them:



Did you know?

Bones don't weigh very much (they're filled with holes!) but are still extremely strong. Engineers mimic bones to design car frames that are very lightweight, strong, and safe.

That's biomimicry!

Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

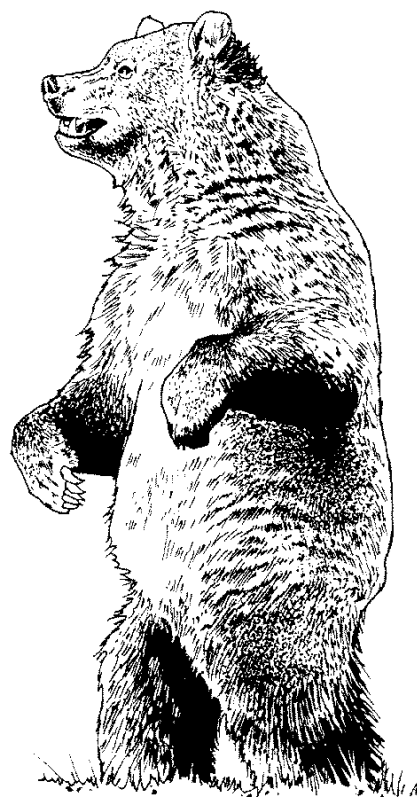
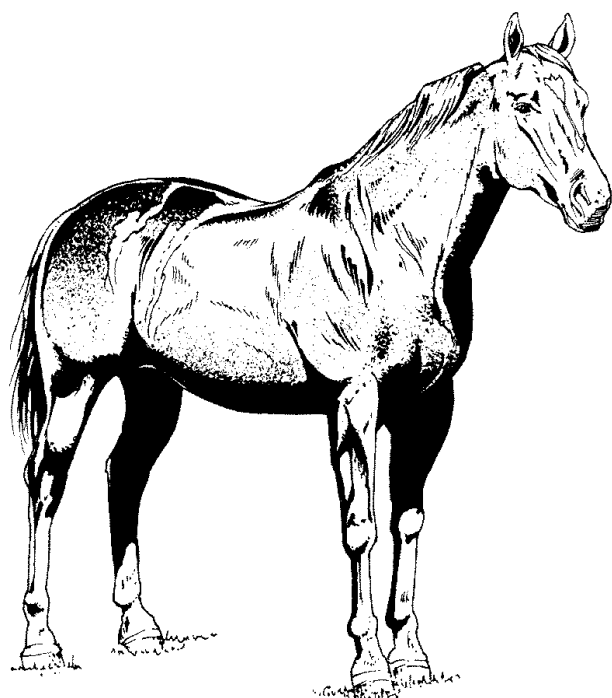
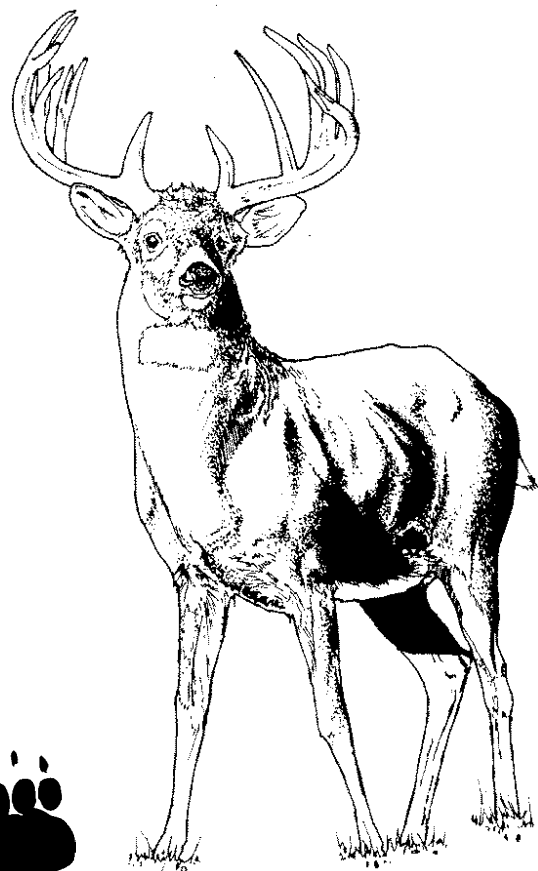
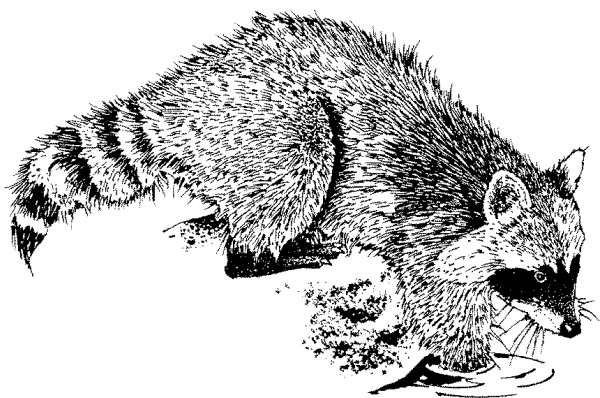
Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:



Can you match the track to the correct animal?

Animal Tracks

The Great TV Rebellion, Day 3: Birds

These birds lost their branches, trees, and nests! Can you draw them in?



What do you think the eagles are about to eat? Draw their food in!

Did you know?

A toucan's beak is 1/3 of its size and incredibly hard, yet it is light-weight enough that the bird can still fly. Humans can mimic the hard, foam-like beak to create strong, yet lightweight structures.

That's biomimicry!

Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:



The Great TV Rebellion, Day 4: Earth Day!

***"It was planned for April 22nd, 4 o'clock in the afternoon.
Every kid in the whole world knew exactly what to do..."***

What did you do for Earth Day? Draw or describe your adventure here:



Did you know?

Penguins don't really swim underwater: they "fly." German engineers have mimicked this technique and designed a robot to swim with great flexibility and avoid collisions with obstacles.

That's biomimicry!

Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:

Want to *hear* more? www.AskThePlanetCD.org Want to *learn* more? www.biomimicryinstitute.org

The Great TV Rebellion, Day 5:

Nature at Night

Were there interesting insects that visited your sheet and light? Did you build a burrow or nest like an animal? If so, which animal? Draw your den or note your discoveries below:

Did you know?



Bats are able to find food and dodge obstacles on very dark nights using sonar. Scientists have mimicked this to create a cane for the visually impaired that uses ultrasonic pulses of sound to sense upcoming obstacles.

That's biomimicry!

Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:



Nature at Night

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The Great TV Rebellion, Day 6:

Water World

Did you capture anything interesting in your sieve? Tadpoles? Insects? What did you see with your underwater observation scope? Did you see anything unusual? Unexpected? Draw or note your discoveries below:



Did you know?

Barnacles, algae, bacteria, and other sea creatures try to attach onto a shark's skin, but they can't take hold and simply wash away. Scientists are trying to copy the structure of shark skin to create products and surfaces that germs cannot stick to.

That's biomimicry!

Learn more at AskNature.org

Nature Journal

Today I....

Saw: _____

Heard: _____

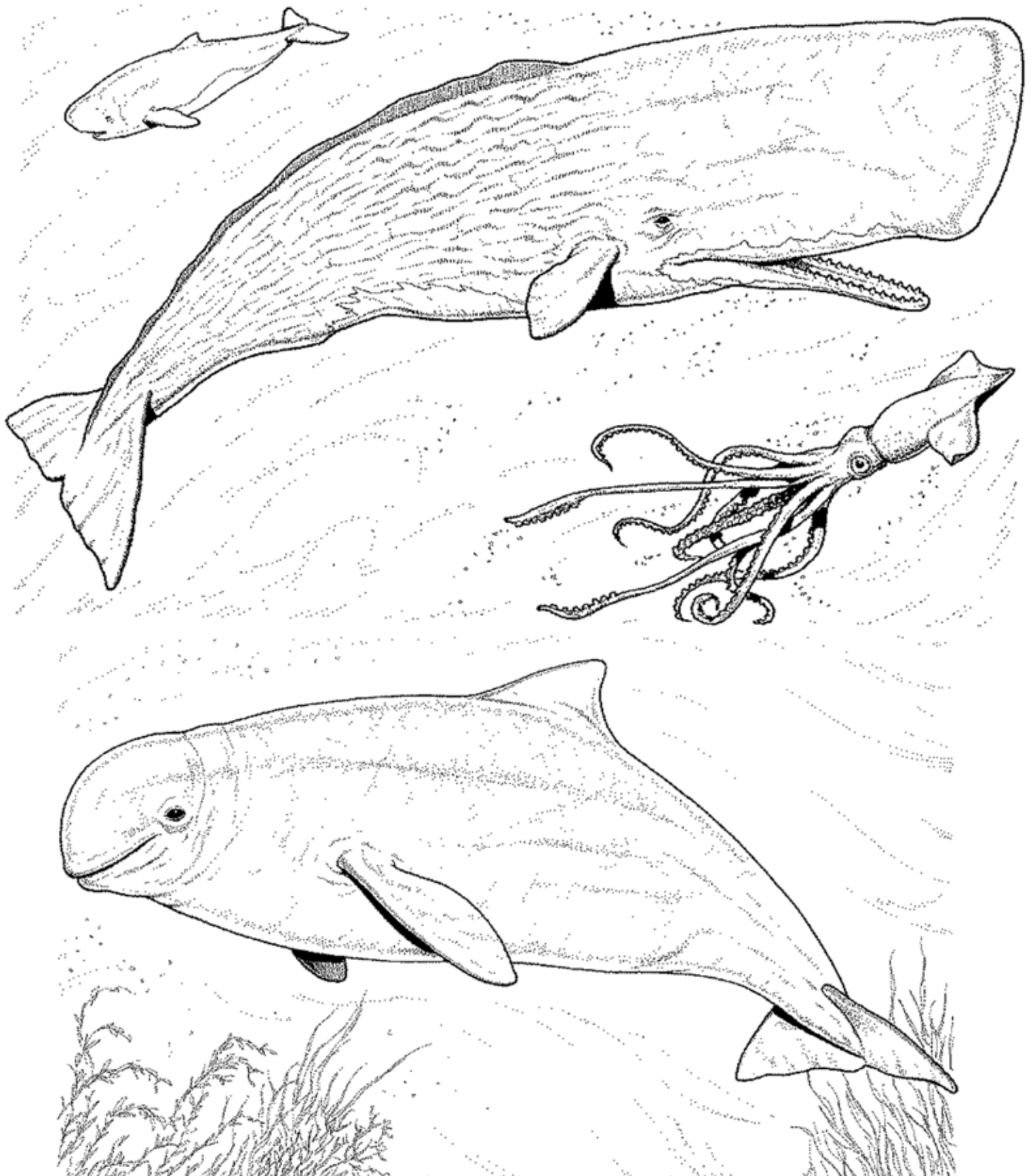
Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

What did you see today? Draw it here:



Water World

The Great TV Rebellion, Day 7: Putting it all together

Look at the pages of your Nature Journal and think about all the things you saw and experienced during The Great TV Rebellion. Try drawing, painting, or designing an image that incorporates everything you experienced into one colorful, “nature-ful” mural.

Don't forget to submit your stories to www.biomimicryinstitute.org/tv2010

Nature Journal

Today I....

Saw: _____

Heard: _____

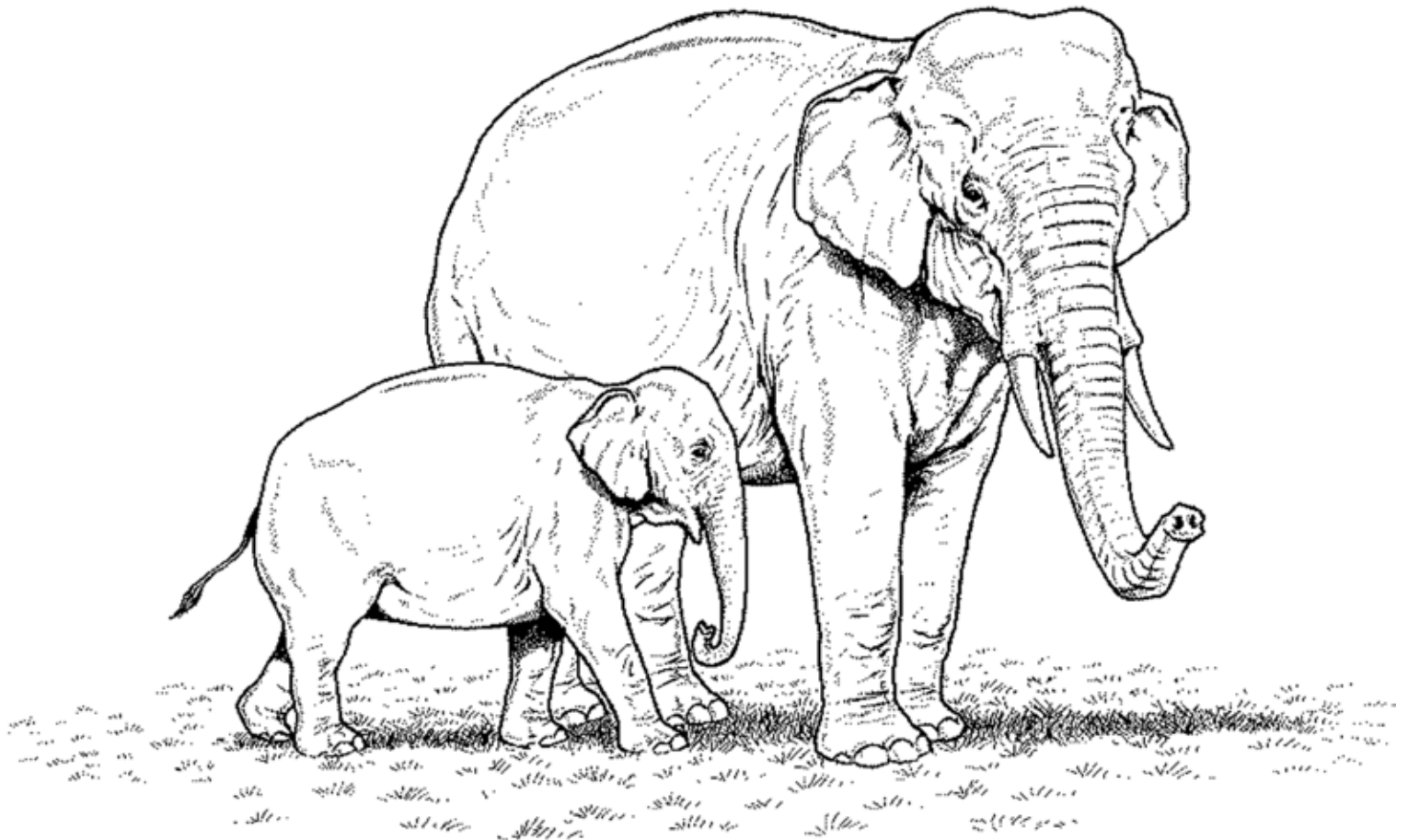
Smelled: _____

Touched: _____

Sensed: _____

Field notes: _____

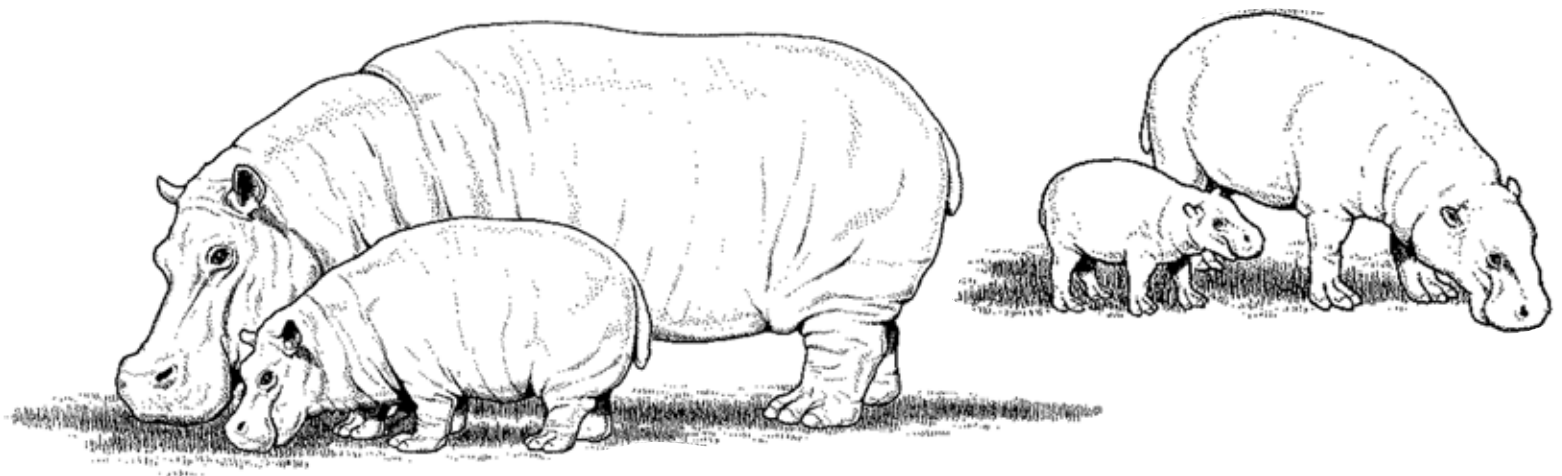
What did you see today? Draw it here:



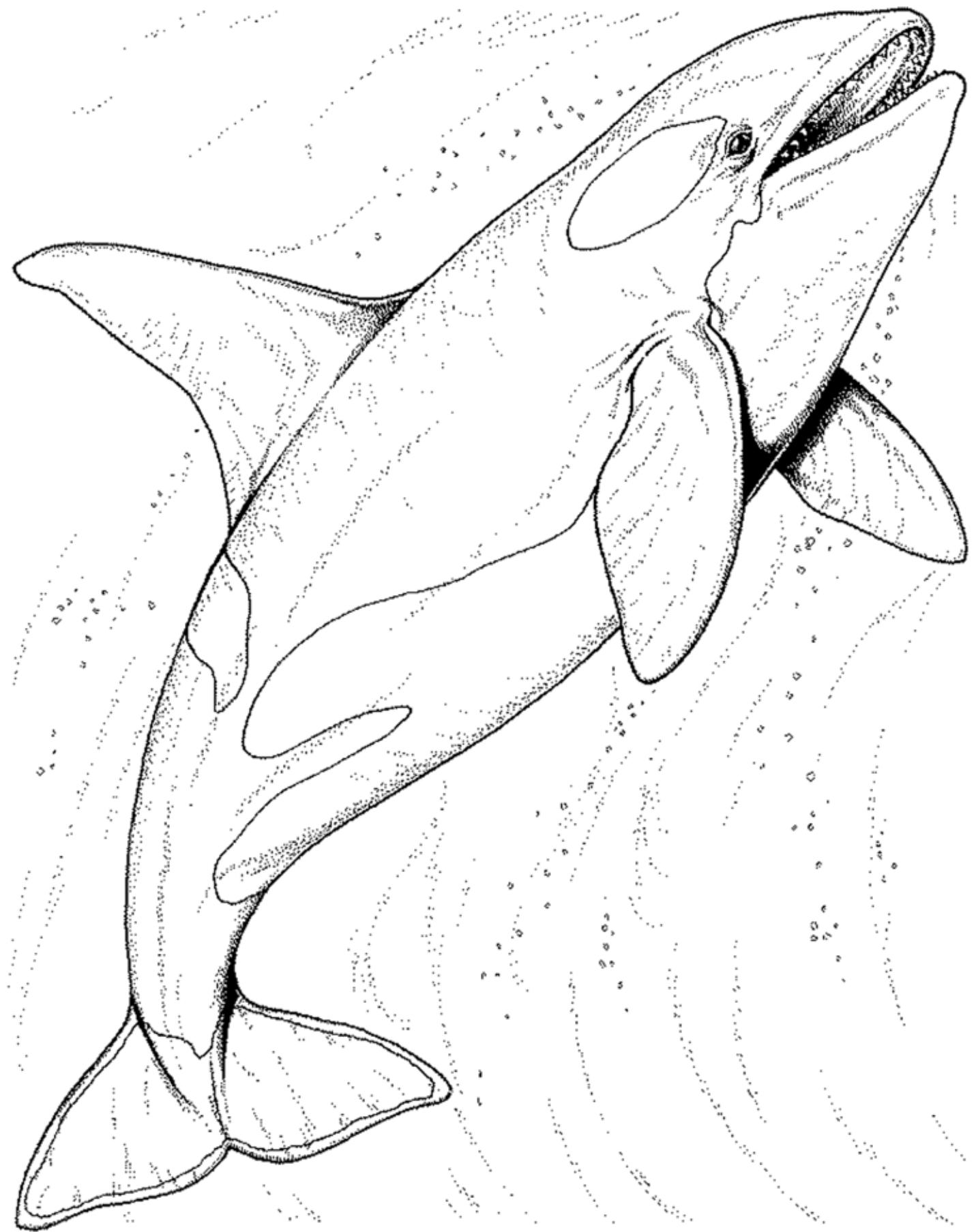
Elephants never forget...

Neither should you! You could win a super cool camping pad, water bottle, or camp chair from Pacific Outdoor Equipment plus other great prizes when you submit a story about your experience during Earth Week.

Submit your story to: www.biomimicryinstitute.org/tv2010



NOTE: While we encourage everyone worldwide to participate in The Great TV Rebellion and to share their stories, participants must reside in the United States to be eligible for prize drawings.



Killer job, TV Rebel. We'll see you next year!

Want to *hear* more? www.AskThePlanetCD.org Want to *learn* more? www.biomimicryinstitute.org