

NEW BEDFORD WHALING MUSEUM

WHALES TODAY

SELF-GUIDED TOUR

Learn all about whales and discover what we can do to help protect them in our ocean today!



NEW BEDFORD
WHALING
MUSEUM

WHALES TODAY

JACOBS FAMILY GALLERY

SELF-GUIDED TOUR

* Meet our Whales!

Find the dots on our gallery floor and fill these dots below to learn more about our whales.



NAME: _____

SPECIES _____

AGE _____

LENGTH _____

NAME: _____

SPECIES _____

AGE _____

LENGTH _____

NAME: _____

SPECIES _____

AGE _____

LENGTH _____

NAME: _____

SPECIES _____

AGE _____

LENGTH _____

* Specimen Cabinet

Discover amazing artifacts in our specimen cabinet and label 3 items you find most interesting.







*Cetecean Station

Word Bank:

Mammals

Big Heads

Horizontal Tail

Aquatic

Blubber

Chew

Multiple Stomachs

Strong Neck

Blowhole

1. Whales are _____ meaning they spend their entire life in the water.
2. Whales are _____ just like us!
3. Whales have a _____ on top of their head to help them breath.
4. Whales can have up to 18 inches of _____ to help keep them warm.
5. Whales do not _____ their food.



*Rotating Whale Puzzles

1. Name the whale with the longest fins. _____
2. Does each species have the same number of ribs?
3. Name the whale that has teeth. Are there teeth in both jaws?

4. Watch this video to learn how many stomachs a whale has!
Can you find them all?
5. Find & draw the whale's blowhole and vestigial hip bones.
(see page 3 for space to draw)

Scan Me
for Video

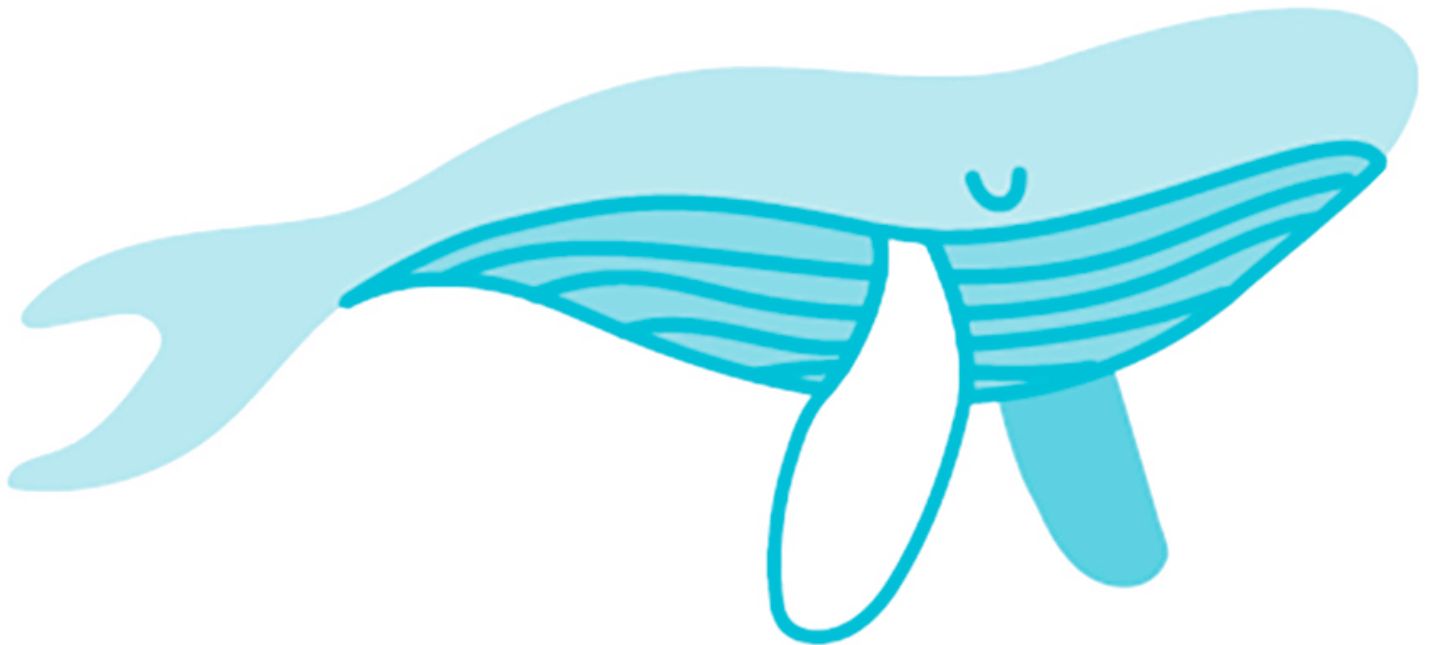


WHALES TODAY

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5. Find & draw the whale's blowhole and vestigial hip bones.



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* Mysticetes and Odontocetes



Baleen whales, also known as Mysticetes, have strong flexible plates they use to collect plankton and krill. Baleen is made up of keratin, the same protein that makes up our fingernails and hair!

Toothed whales, or Odontocetes, rely on echolocation to help find and catch their prey. They use high pitched clicks to help them "see."



- * Looking at our North Atlantic right whale model, can you guess how many plates of baleen it has? Why do you think they need so many?
- * Why do you think whales need such large heads?
- * The North Atlantic right whale consumes –395,000 calories a day. If a Milky Way bar has 130 calories, how many Milky Ways would, Reyna, our right whale have to eat in one day?
- * Look for krill, one of baleen whales' favorite food, in our specimen cabinet!

* Draw & Label your favorite whale's tale below

WHALES TODAY

CLIFFORD W. ASHLEY GALLERY

SELF-GUIDED TOUR

* Major Threats & Solutions

Match some of the biggest threats whales face in our ocean to solutions we can use to help protect them!

- | | |
|-------------------|---|
| * Entanglements | * Create quiet zones and Marine Protected Areas |
| * Vessel Strikes | * Research & track whales |
| * Noise Pollution | * Create rules to change shipping routes & speeds |
| * Pollution | * Create new ideas & fishing gear |
| _____ | * Stop using single-use plastic, lead a beach cleanup, & tell a friend! |

Can you think of a new idea to solve one of whales biggest threats?

Sound Waves

Listen to these whale sounds and see if you can draw them here.

Scan Me for
Whale Sound #1



Scan Me for
Whale Sound #2



Unscramble the mixed up words to learn why whales use sound underwater.

AIOMIUTCNCMNO _____

IOITRAMNG _____

ANINAGIVTO _____

OLHIENOCCTOA _____

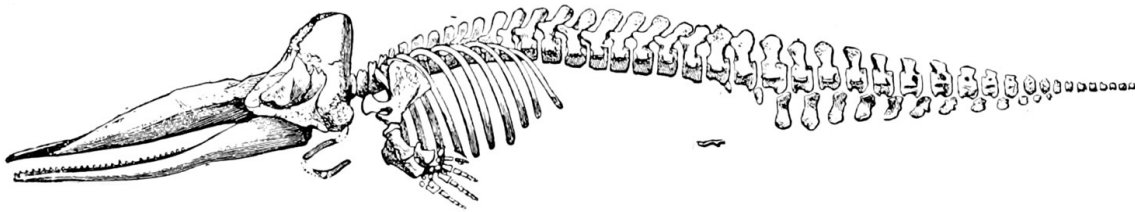
WHALES TODAY

DR. RODERICK H. TURNER GALLERY

SELF-GUIDED TOUR

* Compare Skeletons

Find and circle the 4 parts of our skeleton that are similar to a whales!



* Adaptations

An adaptation is a body part or behavior that helps an organism survive.
Can you figure out what adaptations our sperm whale relies on to survive?

- ☐ A whale's body is streamlined to help them move easily through the water making them really _____, swimming up to 30mph.
- ☐ Whales have a special protein in their blood that stores oxygen. This helps sperm whales _____ underwater for up to 90 minutes.
- ☐ Sperm whales can eat up to 1 ton of food a day. They must _____ their food whole since they don't have teeth in their upper jaw.

* Scavenger Hunt

Sperm whales eat many types of squid but can not digest the hard beak. The whale's intestines coat the beak to protect the whales stomach from getting cut. This coating is called ambergris. It is expelled by the whale and can be used to create perfume.

Can you find all three stages in the museum?

- ☐ Giant Squid
- ☐ Ambergris
- ☐ Perfume