

## STUDENT WORKSHEET

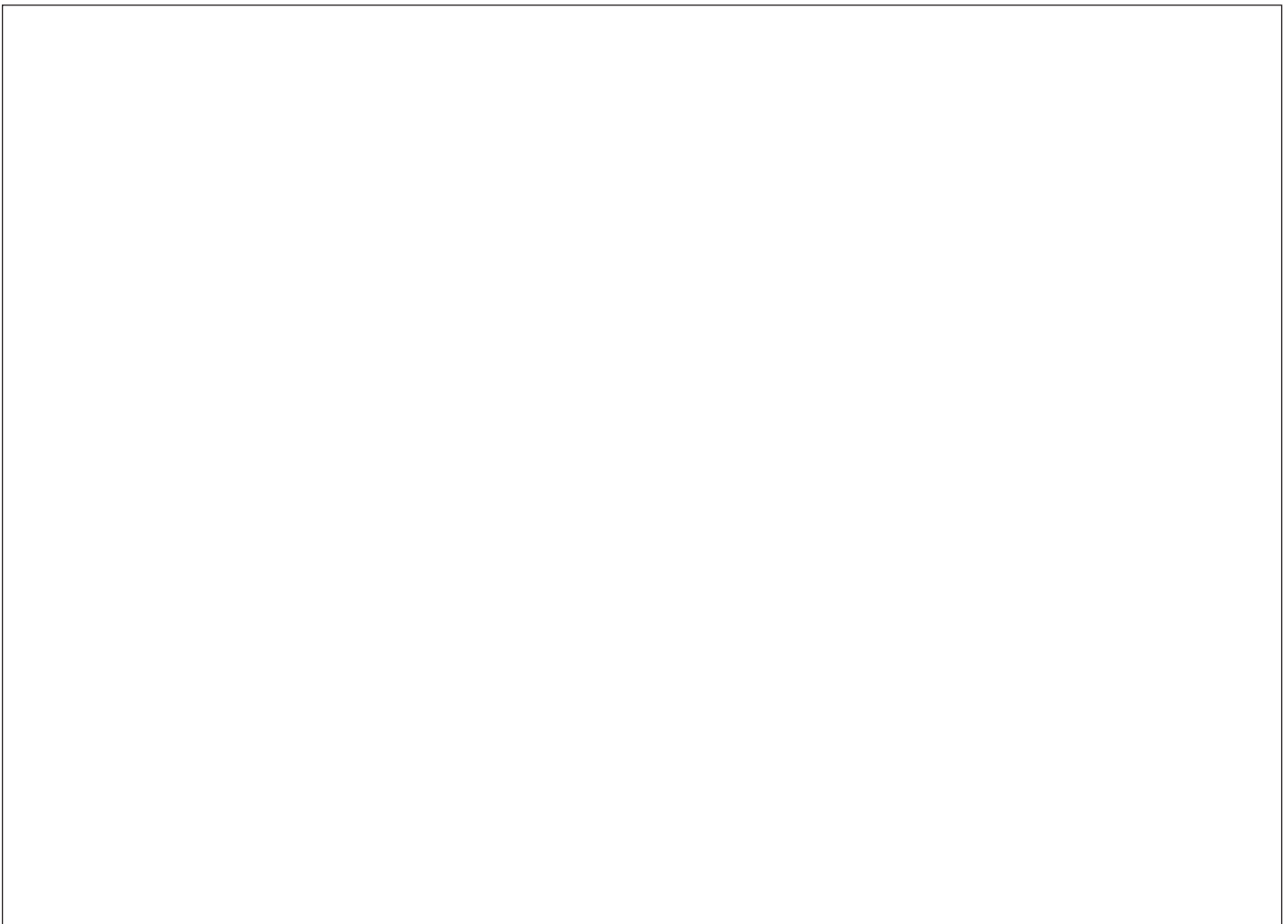
Name: \_\_\_\_\_ **ANSWER KEY**

**Welcome to the Museum!** Today, you'll take a dive into the *Unseen Oceans* exhibition. You will encounter many kinds of marine organisms. And you will find out how scientists study them. Use these worksheets to help you explore each section of the exhibition.

## 1. Mysterious Drifters

**Plankton** are tiny living things that live in the ocean. They drift with ocean currents. There are many different kinds! The models here are much bigger than they are in real life.

**Pick** one plankton in the exhibition. **Draw** it in the box below. **Label** its parts.



**Plankton name:**

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## STUDENT WORKSHEET

Name: \_\_\_\_\_ **ANSWER KEY****2. Secret Lives**

This room has examples of animals that are **fluorescent**. This means that when certain colors of light shine on them, they glow! The glowing patterns can help them recognize each other where there's not much light.

**Pick** a fluorescent animal in the exhibition. **Draw** it in the box below. **Label** the areas that glow.

**Make a note** of the color so that you can color it in later!



**Animal name:**

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Name: \_\_\_\_\_ **ANSWER KEY**

**3. Encountering Giants**

**Watch** the animals on the screen. (They're actual size!) **Talk** to your partner about what you notice:

- What are they?
- What do you see them doing?

**Watch** the Meet the Scientist videos about Jeremy Goldbogen and Kanai Katija.

**When they put video tags on ocean animals, what do they learn?**

*Jeremy Goldbogen learns about whales and how they catch their food.*

*Kanai Katija learns about jellyfish and how they move through the water.*

## STUDENT WORKSHEET

Name: \_\_\_\_\_ **ANSWER KEY****4. Going Deep**

The bottom of the ocean is not always flat!

**Walk** around this room. **Talk** to your partner about what you notice:

- What kinds of formations do you see?

**Watch** the Meet the Scientist video about Kaitlyn Becker. Look at the robot hand on display.

**Why did Kaitlyn Becker invent a new kind of robot hand?**

*Robot hands that are made of hard things like metal that can hurt animals that are soft.*

*A "squishy" or soft robot hand can grab animals without hurting them.*

## STUDENT WORKSHEET

Name: \_\_\_\_\_ **ANSWER KEY**

## 5. Going Deep

Scientists use submersibles to visit the very **deep ocean**.

**Watch** the video. Then, turn and **talk** to your partner:

- What it is like in the deep ocean?
- What animals did the scientists find there?

## 6. Vital Abundance

Humans can help protect the ocean and the organisms that live there.

**Play** the submersible computer game with your partner. As you play, **talk** about what you find!

**Watch** the three videos of scientists working to protect the ocean in different parts of the world. What living things are they trying to protect?

**Nyawira Muthinga, Kenya:**

*living things in the coral reefs*

**Rubaiyat Mansur Mowgli, Bangladesh:**

*dolphins*

**Ruth Gates, Hawai'i:**

*corals*

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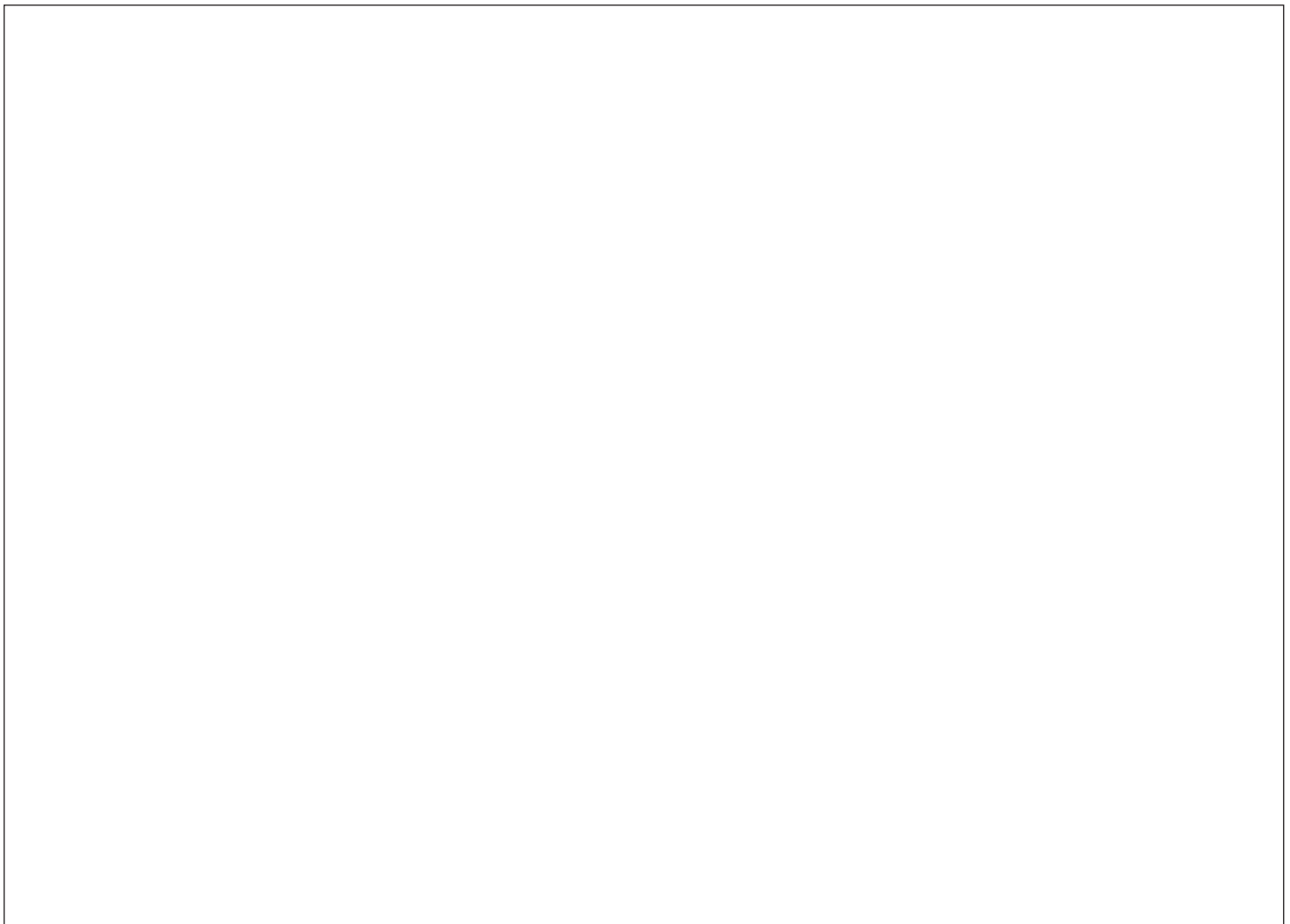
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**2. Secret Lives**

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