

DEEP-SEA ANIMALS

DEEP-SEA ANIMALS

LESSON PLAN

Day One: Intro to Deep-Sea Animals
Objective: The students will be able to define what it means to be a deep-sea animal and identify various species.



LESSON PLAN: DAY ONE

Introduction (5 minutes):

*Teacher Says: What is the deep sea? The deep sea is the part of the ocean that is so far below the surface that it doesn't get any sunlight. It is one of the darkest places on Earth. The deep sea is very cold, and has a huge amount of pressure, which makes it hard for humans to explore. A lot of the animals that live in the deep sea have special qualities that help it survive. Some animals glow in the dark - called bioluminescence. Scientists are actually still discovering animals that live in the deep sea, but some of the most popular include the Angler-Fish, Dumbo Octopus, Giant Squid, Goblin Shark, Vampire Squid and more!

DEEP-SEA ANIMALS

GIANT SQUID K-W-L

KNOW

WANT TO KNOW



LEARNED

DEEP-SEA ANIMALS

ANGLERFISH UNSCRAMBLE

Directions: Unscramble each word associated with anglerfish.

LRUE _____

GLWO _____

FSHI _____

DPEE SAE _____

SMWI _____

DRKA _____

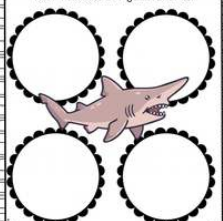
TTHEE _____



DEEP-SEA ANIMALS

ALL ABOUT GOBLIN SHARKS

Directions: In the circles below, write down four facts about goblin sharks.



DEEP-SEA ANIMALS

FACT OR FICTION?

Directions: Color the Facts in green. Color statements that are fiction in red!

Giant Squid live in the deep sea.

They have very large eyes.

Giant Squid are tiny.

Giant Squid can grow as large as a school bus!

Scientists know everything about the giant squid species.

They live close to the surface.

Giant Squid have eight arms!

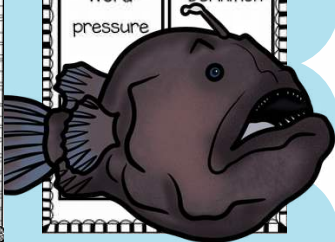
Giant Squid can be pets.

DEEP-SEA ANIMALS

VOCABULARY SQUARE

Word: pressure

Definition:



A FIVE DAY UNIT ALL ABOUT DEEP-SEA ANIMALS!

Includes lesson plans, graphic organizers, craft ideas, projects, comprehension questions and more!

FROM YOUR FRIENDS AT

az
ANIMALS

KEYSTONE SPECIES

LESSON PLAN

Week at a Glance:

Day One: What Is A
Deep-Sea Animal?

Day Two: Anglerfish &
Bioluminescence

Day Three: Giant Squid

Day Four: Goblin Shark

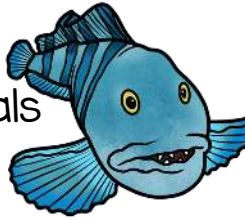
Day Five: Dumbo

Octopus

DEEP-SEA ANIMALS



LESSON PLAN



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Objective: The students will be able to define what it means to be a deep-sea animal and identify various species.



LESSON PLAN: DAY ONE

Introduction (5 minutes):

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Lesson (20 minutes):

*The students will watch the video, "Animals That Live in The Deep Sea" from National Geographic Kids - https://www.youtube.com/watch?v=h8_WiqYAqbY

*The teacher will guide the students in completing the "Vocabulary Square". They will define the word "pressure", write a sentence using the word and draw a picture.

Independent Work (10 minutes)

*The students will complete the "Deep-Sea Animal Quick Check" comprehension questions attached below. The teacher will assess answers for understanding of the lesson.

Closing (5 minutes)

*Whole Group Discussion: What do you think life is like for animals who live in the deep-sea? What adaptations do you think they have to have to survive in the deep-sea?

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VOCABULARY SQUARE

Word:

pressure

Definition:

Sentence:

Picture:

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DEEP-SEA QUICK CHECK

1. What is the deep sea?

2. What are examples of deep-sea animals?

3. Why challenges do animals face living in the deep sea?

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LESSON PLAN

Day Two: Anglerfish & Bioluminescence

Objective: The students will be able to identify various characteristics of anglerfish and define bioluminescence.

••••• LESSON PLAN: DAY TWO

Introduction (5 minutes):

*Teacher Says: The first animal species that we are going to learn about are anglerfish. Have you ever seen an anglerfish? The anglerfish is one of the most famous deep-sea animals because of the glowing light on its head that helps it catch food. Anglerfish live very deep in the ocean, called the "midnight zone". The water is extremely cold, very dark and has a lot of pressure. They are a fish species that have very large heads, sharp teeth, a huge mouth, and a glowing "fishing pole" called a lure. Why do you think it glows? It uses its "lure" to attract other animals or fish in to eat.

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Lesson (15 minutes):

*The students will watch the video, "All About Anglerfish" -

<https://www.youtube.com/watch?v=BOPQrkaZ5To>

*Partner Discussion after video - What did you learn about anglerfish? Tell your partner three things you learned!

*The students will complete the "Anglerfish Unscramble" in small groups.

Independent Work (10 minutes)

*The students will research more about anglerfish. They will utilize the "Anglerfish Research" activity sheet to record information. Students can extend the activity by creating a poster or writing a nonfiction writing piece.

Closing (5 minutes)

*The students will share their "Anglerfish Research" activity sheets with the whole group.

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ANGLERFISH UNSCRAMBLE

Directions: Unscramble each word associated with anglerfish.

LRUE

GLWO

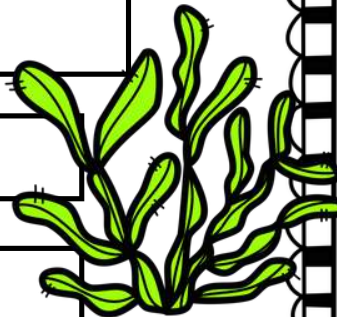
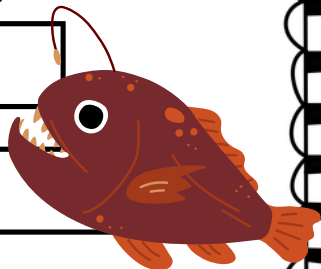
FSHI

DPEE SAE

SMWI

DRKA

TTHEE



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ANGLERFISH RESEARCH

Directions: Use your resources to find more information about anglerfish. Fill in the information below.

ANGLERFISH

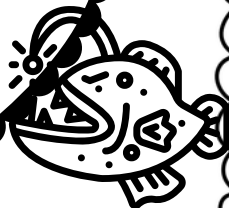
By:

Appearance

diet

HABITAT

Interesting Facts

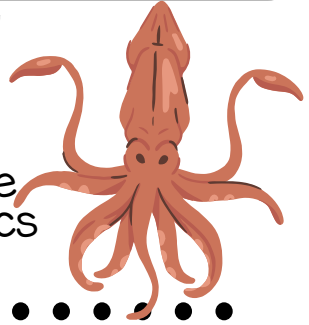


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LESSON PLAN

Day Three: Giant Squid

Objective: The students will be able to describe characteristics of giant squid.



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LESSON PLAN: DAY THREE

Introduction (5 minutes):

*Teacher Says: Today, we are going to investigate more about another species that lives in the deep sea - the giant squid. What do you already know about the giant squid? On the attached K-W-L chart, the students will record anything they previously know about giant squid. The giant squid is one of the biggest, most mysterious animals in the ocean. Giant squid can actually be as large as a school bus! They have eight arms, suckers for grabbing prey, a soft body, and very large eyes. They live very deep in the ocean, which is why scientists still do not know everything about their species.

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Lesson (15 minutes):

- *The students will record what they would like to learn about giant squid in the "Want to Know" category on the "Wolf K-W-L" graphic organizer attached.
- *The teacher will read the book, "DK Super Readers Level 3 Giant Squid". Questions to ask after reading - Where do giant squid live? What do they eat? How big can they grow?

Independent Work (10 minutes)

- *The students will complete the "Fact or Fiction?" activity worksheet attached below. They will color in the true statements in green and the false statements in red.

Closing (5 minutes)

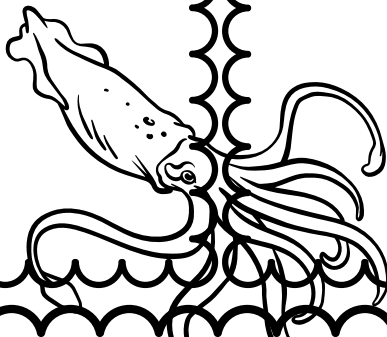
- *The students will use their "K-W-L" graphic organizer to record the information that they learned from the lesson.

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GIANT SQUID K-W-L

KNOW

WANT TO
KNOW



LEARNED

DEEP-SEA ANIMALS

FACT OR FICTION?

Directions: Color the facts in green. Color statements that are fiction in red.

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They have very large eyes.

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They live close to the surface.

Giant Squid have eight arms!

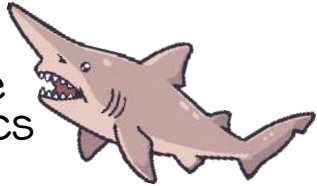
Giant Squid can be pets.

DEEP-SEA ANIMALS

LESSON PLAN

Day Four: Goblin Shark

Objective: The students will be able to describe characteristics of goblin sharks.



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LESSON PLAN: DAY FOUR

Introduction (5 minutes):

*Teacher Says: Today, we are going to be exploring more about goblin sharks. Have you ever seen a goblin shark? What do you already know about them? Goblin sharks are very interesting and VERY old animals! They have been around for millions of years! Goblin sharks have a long, flat snout, extendable jaws, are a pinkish color, and have a flabby body (which means they actually do not swim very fast!). They also live in very deep ocean waters and humans almost never see them because of how deep they live.

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Lesson (15 minutes):

*The teacher will show the video, "Goblin Sharks" from Wild Kratts -

https://www.youtube.com/watch?v=FBOs_fayRUw

*The teacher will lead the students in completing the "All About Goblin Sharks" graphic organizer attached below. The students will write four facts about goblin sharks in the circles on the worksheet.

Independent Work (10 minutes)

*The students will research more about lions. They will utilize the "Shark Research" activity sheet to record information. Students can extend the activity by creating a poster or writing a nonfiction writing piece.

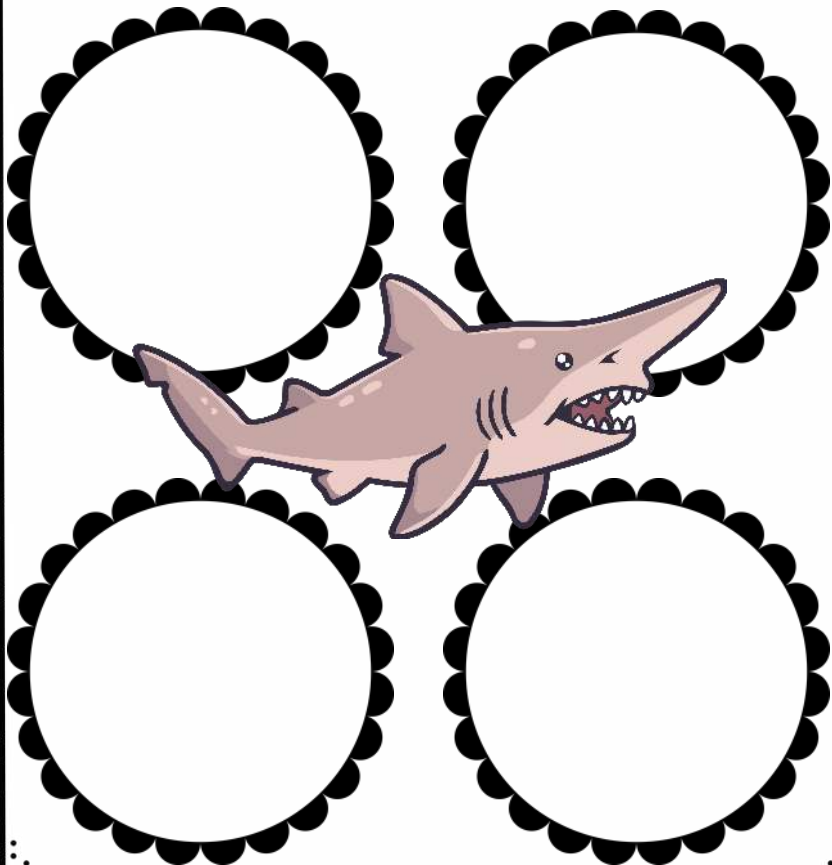
Closing (5 minutes)

*The students will share their "Shark Research" activity sheets with the class or in small groups.

DEEP-SEA ANIMALS

ALL ABOUT GOBLIN SHARKS

Directions: In the circles below, write down four facts about goblin sharks.



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SHARK RESEARCH

Directions: Use your resources to find more information about sharks. Fill in the information below.

**GOBLIN
SHARKS**

By:

Appearance

diet

HABITAT

Interesting Facts



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LESSON PLAN



Day Five: Dumbo Octopus

Objective: The students will be able to describe characteristics about the dumbo octopus.

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LESSON PLAN: DAY FIVE

Introduction (5 minutes):

*Teacher Says: Today we are exploring more about another species that live in the deep sea - the Dumbo octopus. A lot of deep sea animals can appear very scary with sharp teeth, but the Dumbo octopus is actually very cute! It is called the Dumbo octopus because of its very large ears, like the Disney character, Dumbo. The Dumbo octopus also lives very deep in the ocean. They have soft arms, large eyes, ear-like fins on top of its head, and a small, rounded body. They eat crustaceans, tiny worms and other small ocean animals.

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Lesson (15 minutes):

*The teacher will read the book, "Dumbo Octopus and Other Strange Squid and Octopuses". Questions to ask after reading - Why are they called a Dumbo octopus? Where do they live? What do they eat? What helps them survive in the deep sea?

*The teacher will guide the students in completing the "Dumbo Octopus can, have, are" graphic organizer attached below.

Independent Work (10 minutes)

*The students will write a 3-5 sentence paragraph describing the Dumbo octopus using the attached writing template below. They will also draw a picture to match their writing!

Closing (5 minutes)

*The students will share their Dumbo octopus writing paragraph with a small group or to the whole group.

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DUMBO OCTOPUS

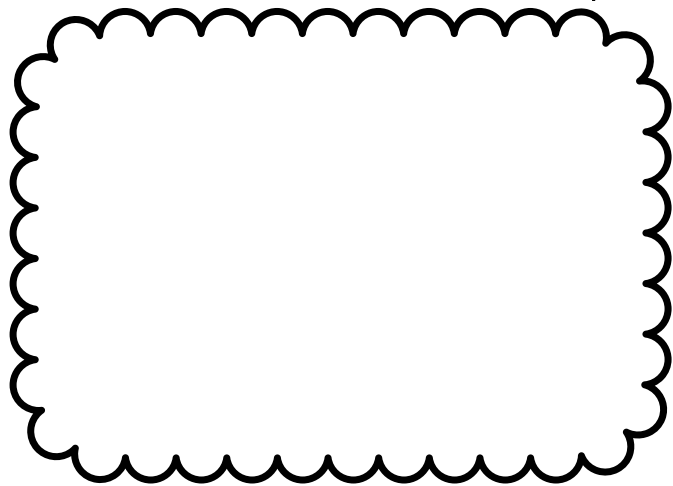
can

are

have

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Dumbo Octopus



Five horizontal dashed lines for writing.