



Identifying Marine life at Asan Beach

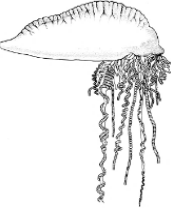
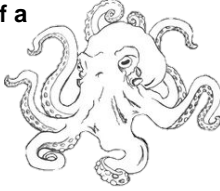
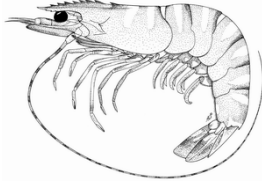
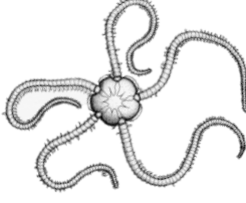
Created by: Alexandra Benavente, Biology Teacher, George Washington High School

Student Name: _____

What types of marine animals can be found in the waters of Asan Beach? Fill in the anatomy descriptions using the Word Bank. Draw one animal that fits the descriptions for each category that you have seen today and answer the questions.

Word Bank

Radial, Tube, Stinging, Fives, Jointed, Soft, Tentacles, Exoskeleton, Skin, Molts, Hard

Marine Invertebrate Notes	Asan Beach Park Field Trip	Marine Invertebrate Notes	Asan Beach Park Field Trip
<p>Cnidarian (many stingers)</p> <p>Anatomy (defining body parts):</p> <p>Have s _____ structures, breathes directly through their s _____, and r _____ symmetry</p> <p>Example of a Cnidarian:</p> 	<p>Sketch a Cnidarian found during the Field Trip. Sketch can include a coral, anemone, or sea fan.</p> <p>What other animals are found in this animal's environment? How do the other animals interact with the cnidarian?</p>	<p>Mollusk (soft legless body)</p> <p>Anatomy (defining body parts):</p> <p>Typically has a h _____ shell, s _____ body, some have t _____ (different from legs)</p> <p>Example of a Mollusk:</p> 	<p>Sketch a Mollusk found during the Field Trip. Sketch can include a nerite, chiton, or Bivalve.</p> <p>What do you think this animal's predators are?</p>
<p>Arthropod (jointed limbs)</p> <p>Anatomy (defining body parts):</p> <p>E _____, j _____ limbs, m _____ when growing.</p> <p>Examples of an Arthropod:</p> 	<p>Sketch an Arthropod found during the Field Trip. Sketch can include a crab, shrimp or lobster</p> <p>How does this animal move?</p>	<p>Echinoderm (spiny skinned)</p> <p>Anatomy (defining body parts):</p> <p>Have many "t _____ feet", r _____ symmetry generally in "f _____"</p> <p>Example of an Echinoderms:</p> 	<p>Sketch an Echinoderm found during the Field Trip. Sketch can include a sea cucumber, sea star, or sea urchin.</p> <p>Describe an adaptation of this animal that it uses for protection in its habitat?</p>

Questions You Have. Write down a few things you may wonder about one of the animals above.

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*Note: Pictures can be provided to students showing detailed characteristics of the types of animals that can be found at the beach.

Identifying Marine life at Asan Beach Answer Key

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	Marine Invertebrae Notes	Asan Beach Park Field Trip
Cnidarians	Have stinging structures, breathes directly through their skin, radial symmetry	<p>Sketches will vary</p> <p>Answers to questions would vary on the information given to participants by the park staff.</p>
Mollusks	Typically has a hard shell, soft body, some have tentacles (different than legs)	<p>Sketches will vary</p> <p>Answers to questions would vary on the information given to participants by the park staff.</p>
Arthropods	Exoskeleton, jointed limbs, molts when growing	<p>Sketches will vary</p> <p>Answers to questions would vary on the information given to participants by the park staff.</p> <p><i>Example: Crabs move quickly sideways in a flurry with their multiple legs.</i></p>
Echinoderms	Have many " tube feet", radial symmetry generally in " fives "	<p>Sketches will vary</p> <p>Answers to questions would vary on the information given to participants by the park staff.</p> <p><i>Example: If a starfish loses an arm, an organ or even most of its body, it can regrow whatever part it needs as long as part of the central ring is intact. Thanks to this ability, if a predator attacks and manages to take a bite, a starfish won't bleed to death, get an infection or be permanently crippled.</i></p>

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