

MARINE ANIMAL SCIENCE FOR ELEMENTARY STUDENTS



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HOMESCHOOLING 

IN THIS SESSION YOU'LL LEARN:

- How to PREPARE your syllabus
- How to EXECUTE your syllabus
- How to EXTEND the learning

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BASIC SYLLABUS PREPARATION:

- Make a list of all marine animals to study
- Search for other animals in the same scientific order as the animals on your list
- Add any additional animals to your list
- Combine animals to learn together

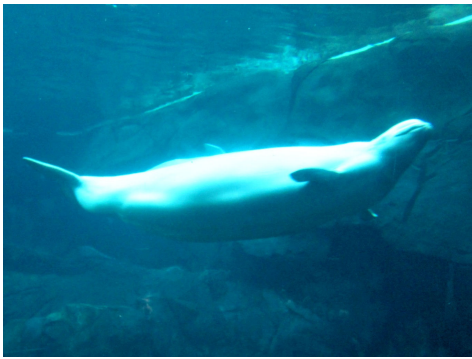
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FUN GROUPS OF ANIMALS TO STUDY:

- Sharks
- Whales
- Anemones
- Mollusks

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RESEARCH THE ANIMALS YOU'VE CHOSEN

- | | |
|----------------------|--------------------|
| ○ Classification | ○ Predators |
| ○ Diet | ○ Defense |
| ○ Environment | ○ Movement |
| ○ Respiratory System | ○ Unique Qualities |
| ○ Group | ○ Stages of Growth |
| ○ Size | ○ Status |

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BELUGA WHALES

- **Classification**
 - mammal, cetacean, whale
- **Diet**
 - fish, crustaceans, worms
- **Environment**
 - Arctic waters
- **Respiratory System**
 - lungs
- **Group**
 - pod
- **Size**
 - 2,000-3,000 lbs
- **Predators**
 - polar bears, killer whales, humans, ice
- **Defense**
 - camouflage, location, pods
- **Movement**
 - swims
- **Unique Qualities**
 - all white, large melon
- **Stages of Growth**
 - pups to adult
- **Status**
 - threatened

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YOU'VE LEARNED THE FACTS, WHAT NOW?

- Extend the learning
- Perform experiments
- Make the lesson interactive
 - Crafts
 - Games
 - Presentations

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WHALES

- Try an Echolocation experiment
- Find a local pool and have your child perform various whale moves
- Sign up to take a dolphin watching tour
 - Look for discounts through an online vendor



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MOLLUSKS

- Explore your supermarket in search of Mollusks and bring some home for further exploration
 - Crab, mussels, oysters
- Challenge your child to become a beachcomber
 - Play Mollusk BINGO on the beach
 - Create a shell scavenger hunt
- Invest in a laminated tri-fold shell guide for your local beaches



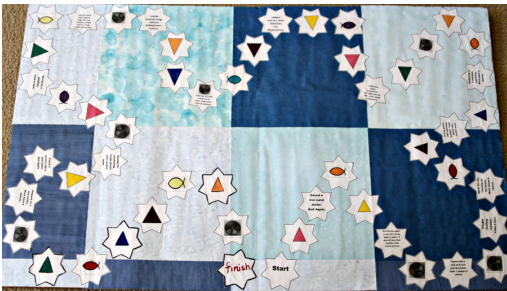
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OCTOPUSES

- Make special Octopus snacks
 - Hot dogs with spaghetti
- Create your own Octopus out of yarn
- Leverage the internet to find videos that show how an Octopus can squeeze into the tiniest of places
- Make a game to review Octopus facts.

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MARINE ANIMAL SCIENCE GAME



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TRY TO VISIT THE ANIMALS

- Visit the animals in their environment
 - Aquarium
 - Zoo
 - Beach
- Ecological Tours
- Use your vacation

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ADDITIONAL TOOLS

- **Pinterest** – <http://pinterest.com/homeschooletc>
- **Books**
 - *The Kingfisher First Animal Encyclopedia*
 - *The Illustrated Guide to Marine Fish of the World*
- **Magazines**
 - Zoobooks
 - National Geographic Kids
- **Movies**
 - Disney Oceans
 - Winter
- **Printables**

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HAVE FUN WITH SCIENCE!



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