

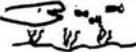

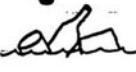



SCIENCE... EPISODE #1

1. RAMON is a MARINE BIOLOGIST.

He studies plants  ~~in the~~ in
the ocean and animals 
in the ocean.

2. ANNE is an OCEANOGRAPHER.

She studies , too! Also
temperature ↓, waves ,
pollution , mountains 
Everything!


3. Ph.D. #1 in





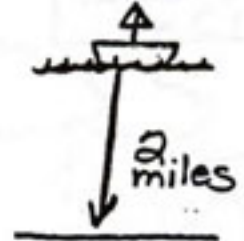
→ Dr. Ramon Rojas in Marine Biology.
→ Dr. Anne Abrams in Oceanography.

SCIENCE... EXPEDITION #1


1. 70% of the  earth is water.


70% of  humans is water, too!


2. 90% of the  plants and  animals on earth live in the ocean.

3. The ocean is  deep (average).


The deepest part of the ocean is

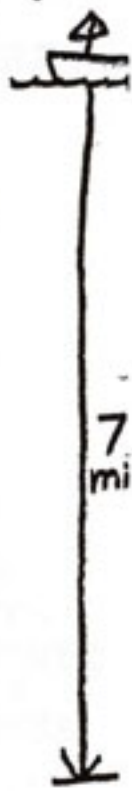
4.  Humans cannot live in the

ocean. It is too cold , we

cannot get air to breathe ,

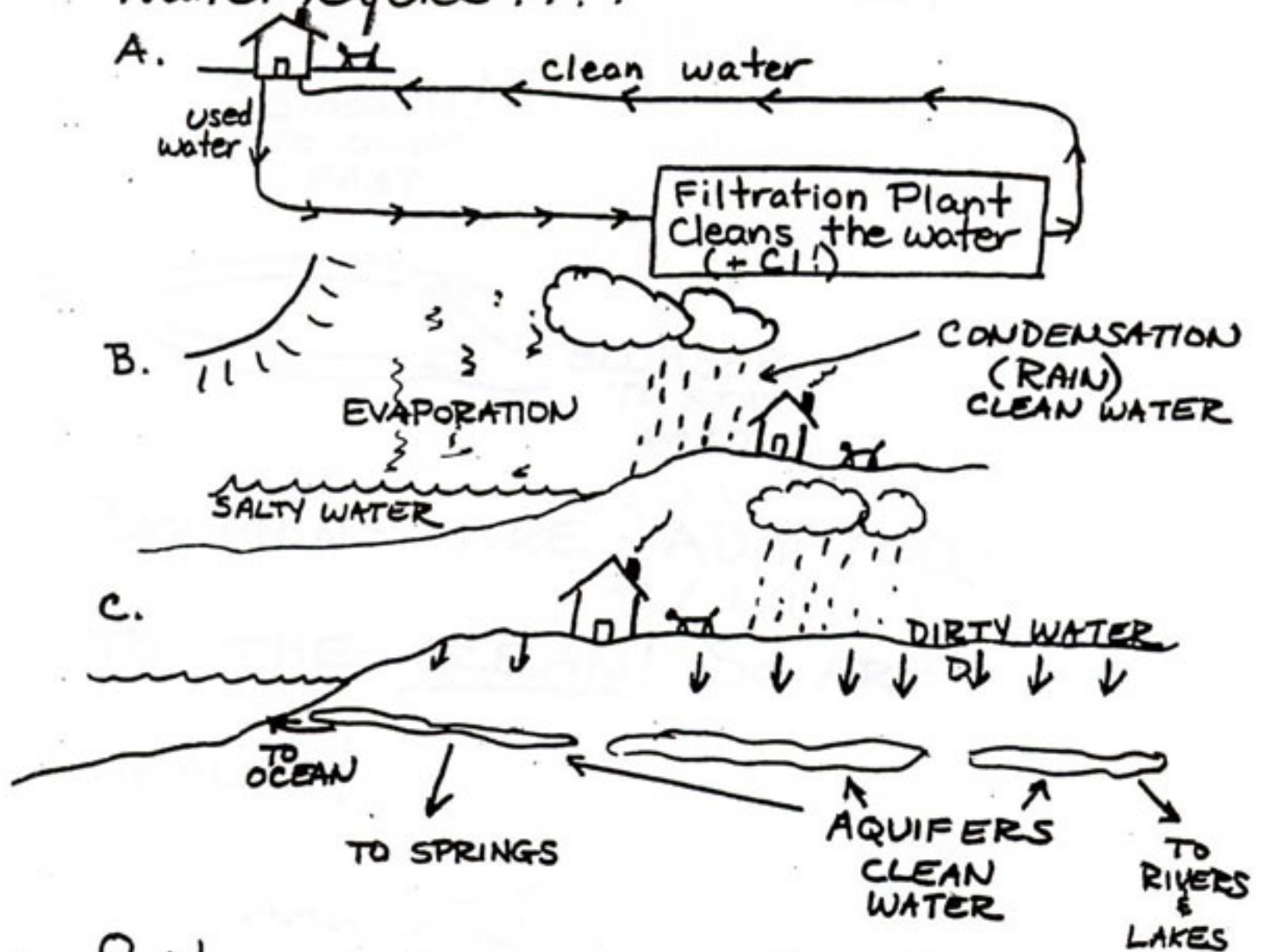
and there is too much



pressure 

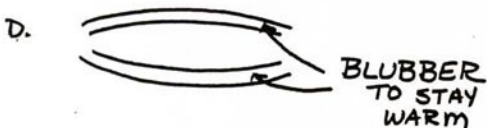


5. All water on earth is 4,000,000,000 years old!

Water Cycles



6.  Humans are mammals. They cannot live in the ocean.  Dolphins and Whales are mammals. They can live in the ocean! They are ADAPTED to water!



DOLPHINS ARE - ADAPTED -
TO THE OCEAN! SO ARE
WHALES!

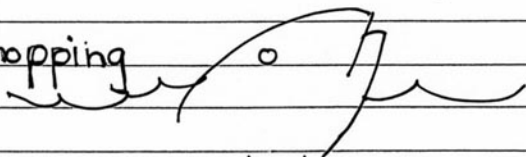



lobtailing



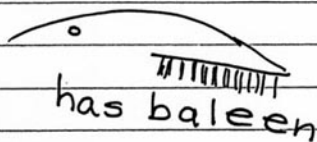
humpback whale

spyhopping

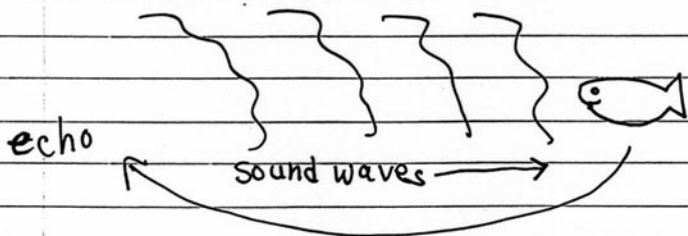


cetaceans - whale eyes 

blue whale -



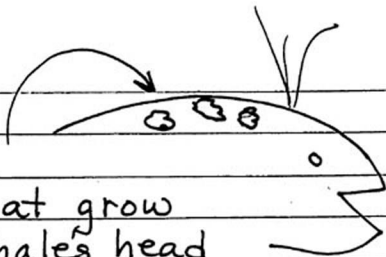
Echolocation - to find something
in the water, you send out
sound waves



minke whales

callosities

wart-like
things that grow
on the whale's head



gray whales

like to
spy hop - stick head out
of the water
have barnacles
small fish on whale



mysticetes - whales that have no
teeth. They have
baleen

