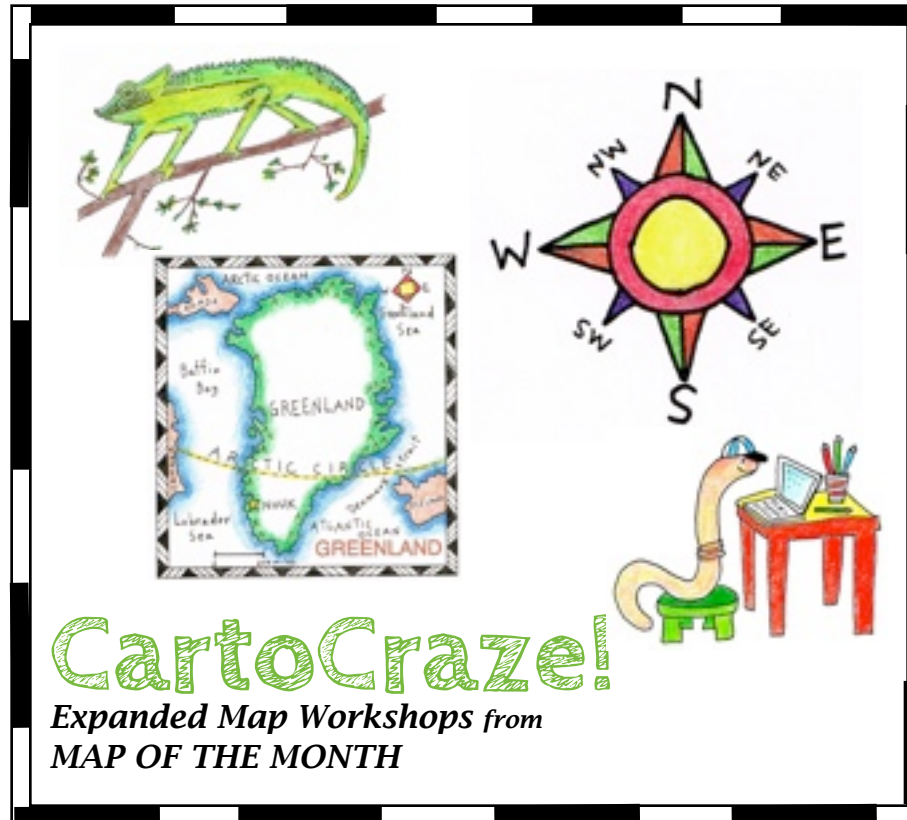


AZORES ISLANDS



CartoCraze!

Expanded Map Workshops

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ISLANDS

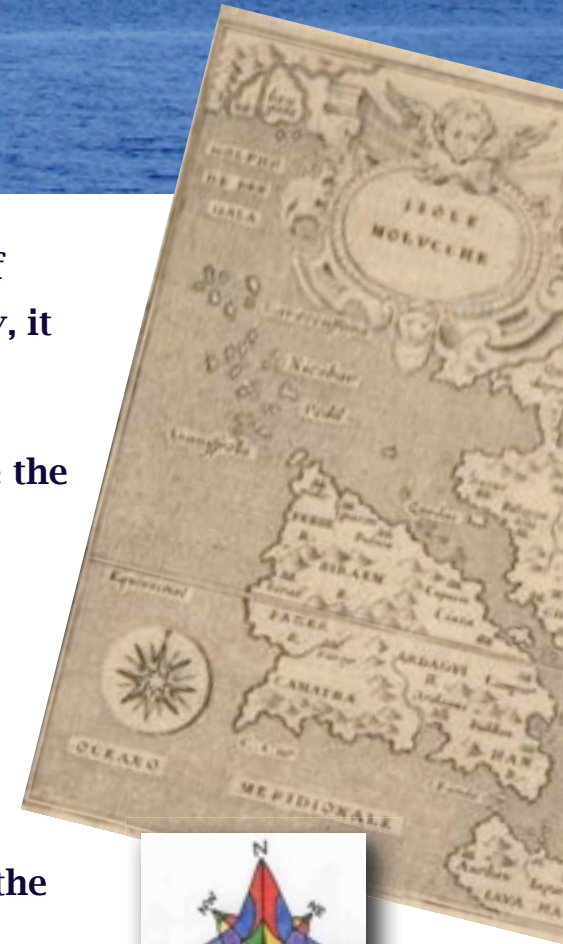


An island is a piece of land surrounded by water. An island can be as tiny as a spot of land at the center of a freshwater lake, only large enough for a few plants. Alternately, it can be very large, like Greenland, surrounded by salt water ocean.

The actual foundation of an island is below water. Many islands in the deep ocean are the tips of volcanoes. Other islands emerge from the Continental Shelf.

The topography of an island is influenced by its position on Earth. Its temperature, climate, flora and fauna and its size are determined by its location. Some islands are uninhabited, others are home to millions of people. An island can be isolated and far away from other pieces of land, or it can be part of a group of islands.

Throughout history, islands have captured the imaginations of humans. Explorers in the early history of the civilized world risked their lives to visit islands that were yet unknown. People choose islands as a destination, to relax in areas that have easy access to water. People love movies about islands! Robert Louis Stevenson's book TREASURE ISLAND, published in 1883, is still popular today with readers around the world. There is something very fascinating about a piece of land that has a continuous coastline.....



ISLAND TERMS AND THEIR DEFINITIONS!

It is impossible to talk about islands, or learn about them, without knowing some terms that relate to islands. Here are just a few terms! Can you come up with other terms?



DESERT ISLAND An island not inhabited by humans.

ATOLL A coral reef shaped like a circle or ring and is filled with water. This is usually the tip of an extinct volcano.

COASTLINE The land along the outer edge of an island, where the land meets the water.

ARCHIPELAGO A chain or group of islands

BARRIER ISLAND An island formed of dunes, made of flat or lumpy areas of sand parallel to a coastline.

PENINSULA A piece of land that is surrounded by water on three sides but connected to mainland.

GULF A large bay that is connected to the ocean or larger body of water.

BAY A large indentation on a coastline that is connected to an ocean or lake

LAGOON A shallow body of water separated from a larger body of water by coral reefs or barrier islands.

BEACH Land along the coast of an ocean, sea, lake, or river consisting of loose particles made of sand or rock.



The following presentation is an introduction to the islands of the AZORES, with guidelines about making a map, as well as some information about its geography, people and animals.

THE AZORES

The AZORES form an archipelago in the northern ATLANTIC OCEAN. They are in a part of the world called the NORTHERN HEMISPHERE! These islands are part of the Portuguese Republic, and not a country on their own.

These islands are among the tallest volcanoes in the world, but you might not know it by looking! Most of their height is under the water! In some places the water is 6,500 feet deep. The part of the islands that comes out of the ocean is small, compared to what is beneath the water!

The Azores were discovered during the Age of Exploration. In the 1430's, the Portuguese explorer named Cabral claimed the discovery of the two eastern islands of Sao Miguel and Santa Maria. There were no people living there at the time! Early Portuguese colonists introduced sheep for food and fleece since no large animals were living there. Soon after, many Portuguese settlers came to the islands and began to build homes and grow crops. These islands were a stopping off point for many kinds of explorers, including pirates.



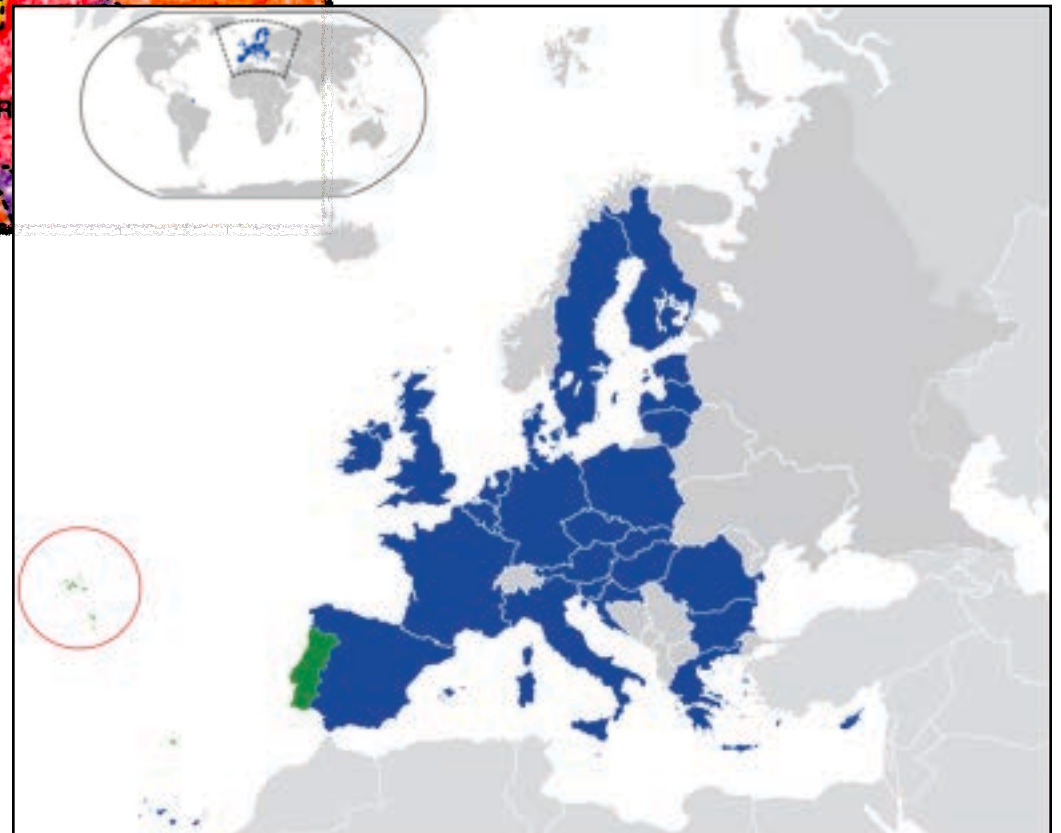
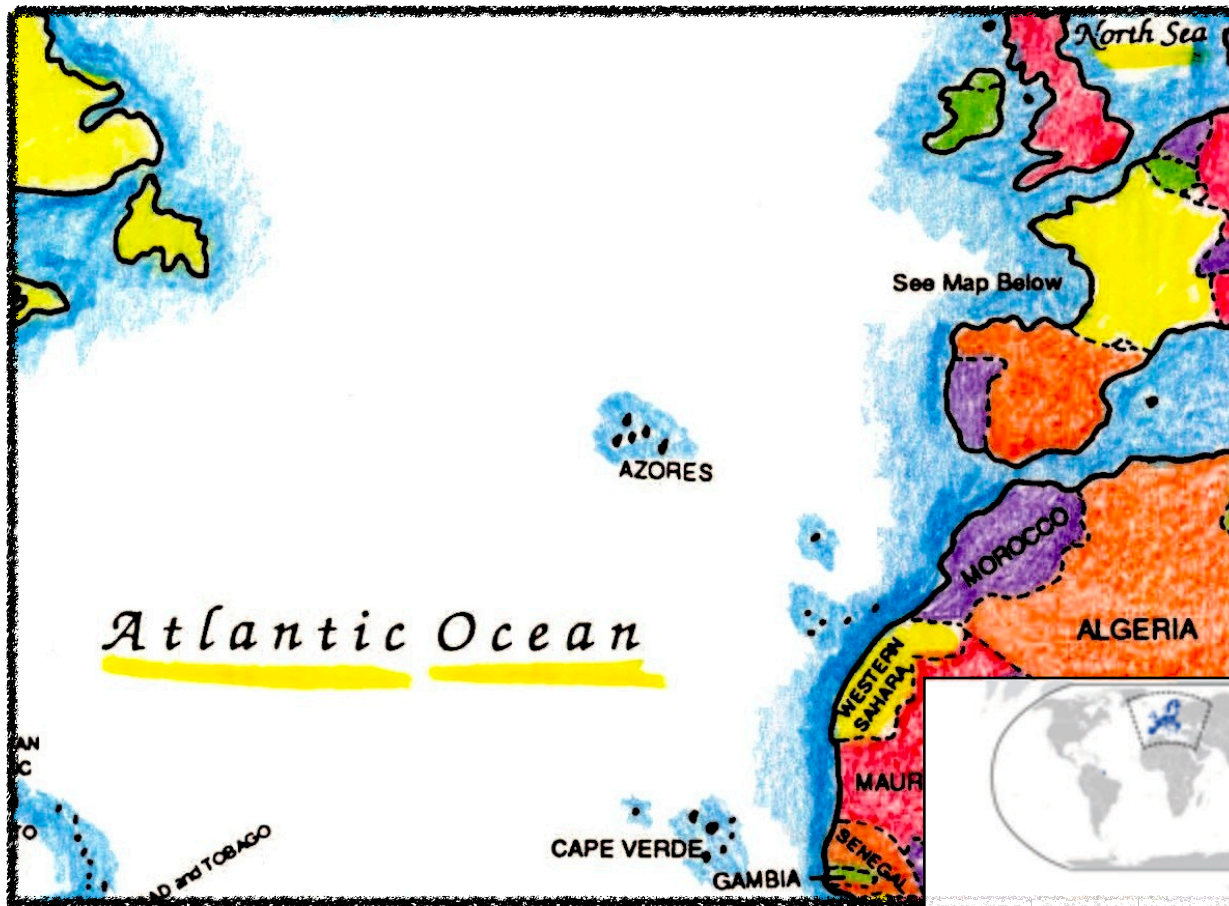
I am
Professor Earthworm!



Make a compass rose for
your map by following the
directions [HERE!](#)

MAP MARKINGS AND COLORS!

At left, on the WORLD CLASSROOM MAP we shaded around the Azores with BLUE to make them more visible in their location in the Atlantic Ocean.



The map at right points out the islands by circling them in red!

What is the country shown in Green?
Here are the other colors used:
BLUE: European Union
DARK GREY: EUROPE
LIGHT GREY: Surrounding area



Azores Cattle Dog

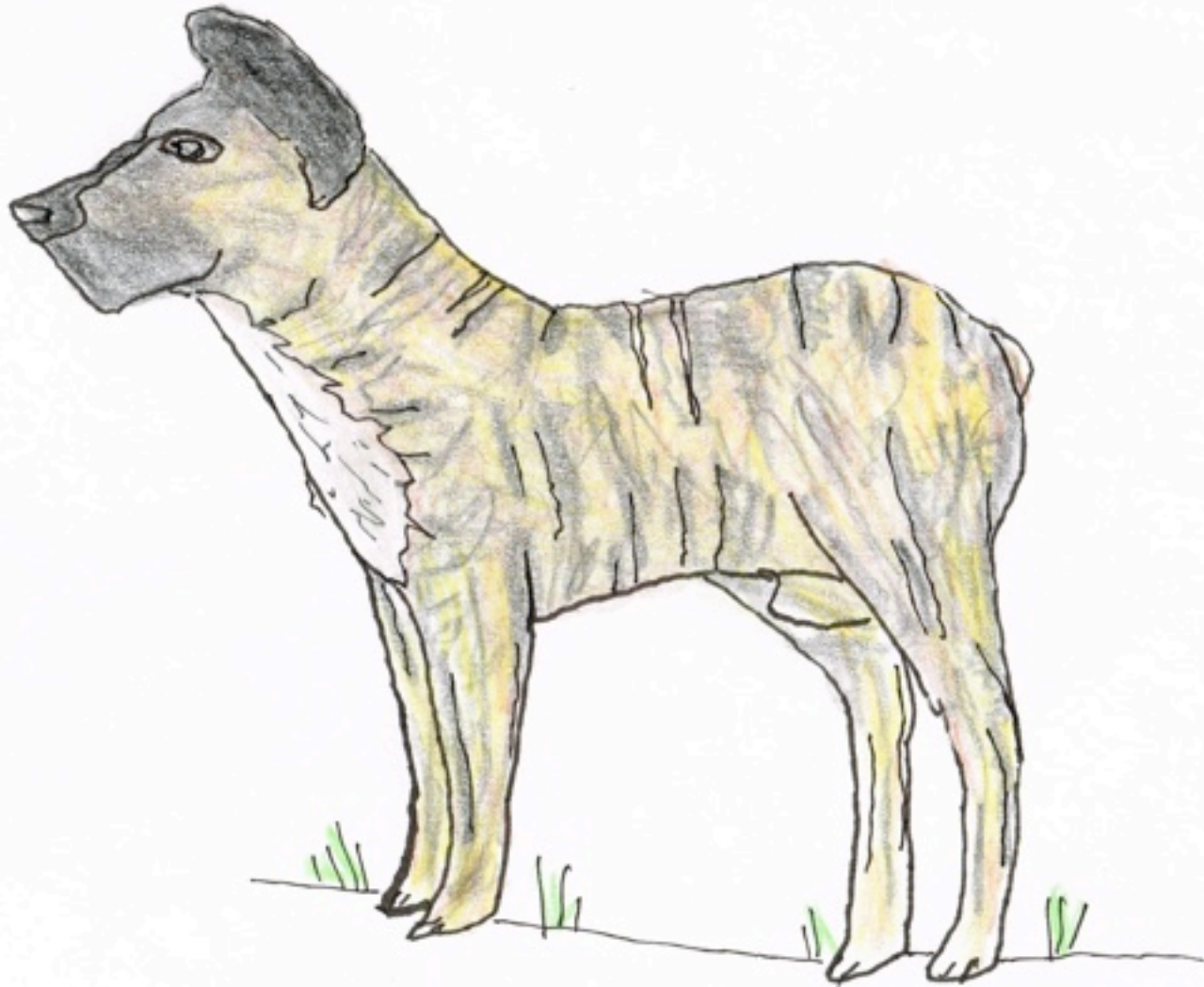
This working dog from the Azores Islands in Portugal has been documented as living there since the early 19th century.

This breed is also called **Cão Fila de São Miguel**.

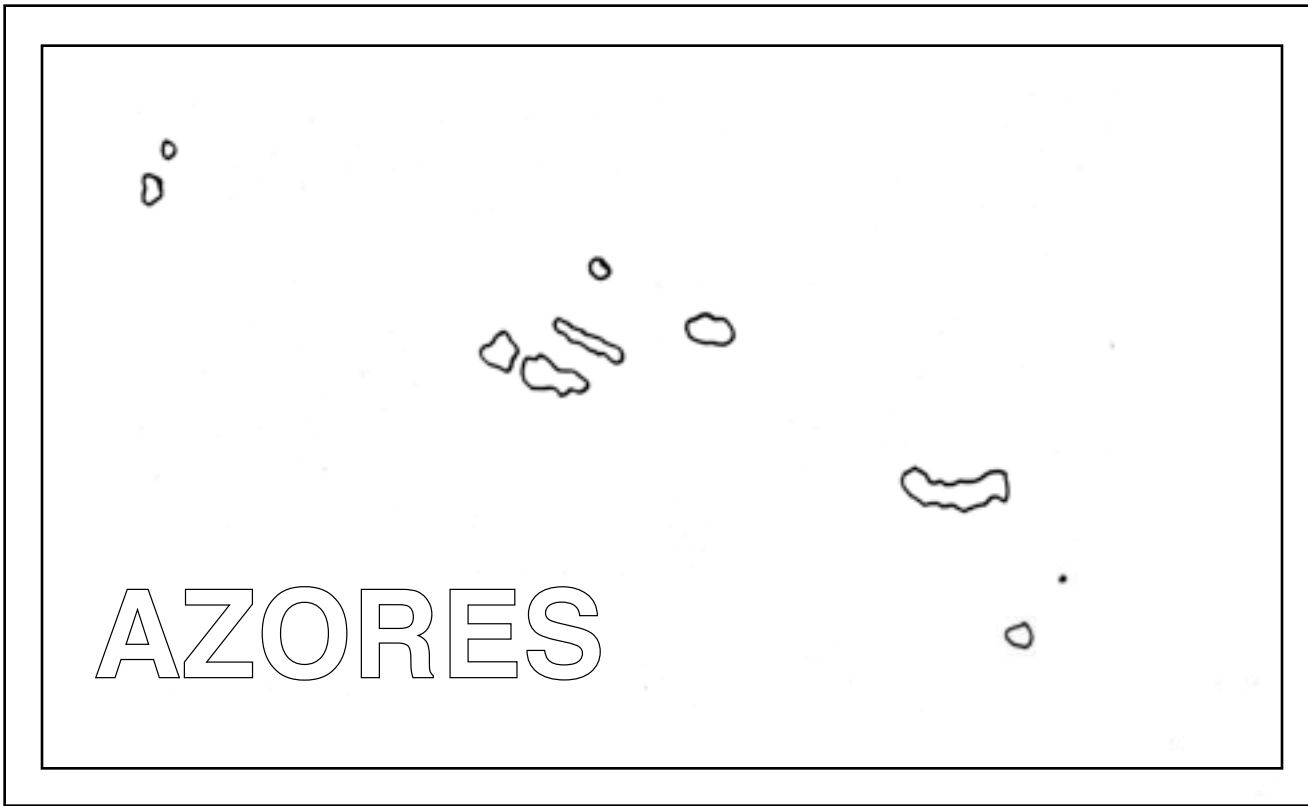
These medium-sized dogs are muscular and grow to be 23 inches tall to their withers. The coat can be brown or grey with black marbling throughout the body.

Thanks to their aggressive nature, they once acted as an integral part of herding the abundance of cattle on the islands.

The demand for the heading of cattle has decreased on cattle farms, but this breed continues to be a popular pet with people all over the world.



He's always alert!!!!



SPELLING
WORDS
EXERCISE
WORKER
WADDLE
ALERT
MEDIUM
COAT
COARSE
VOLCANIC
PIRATE
HEIGHT

AZORES

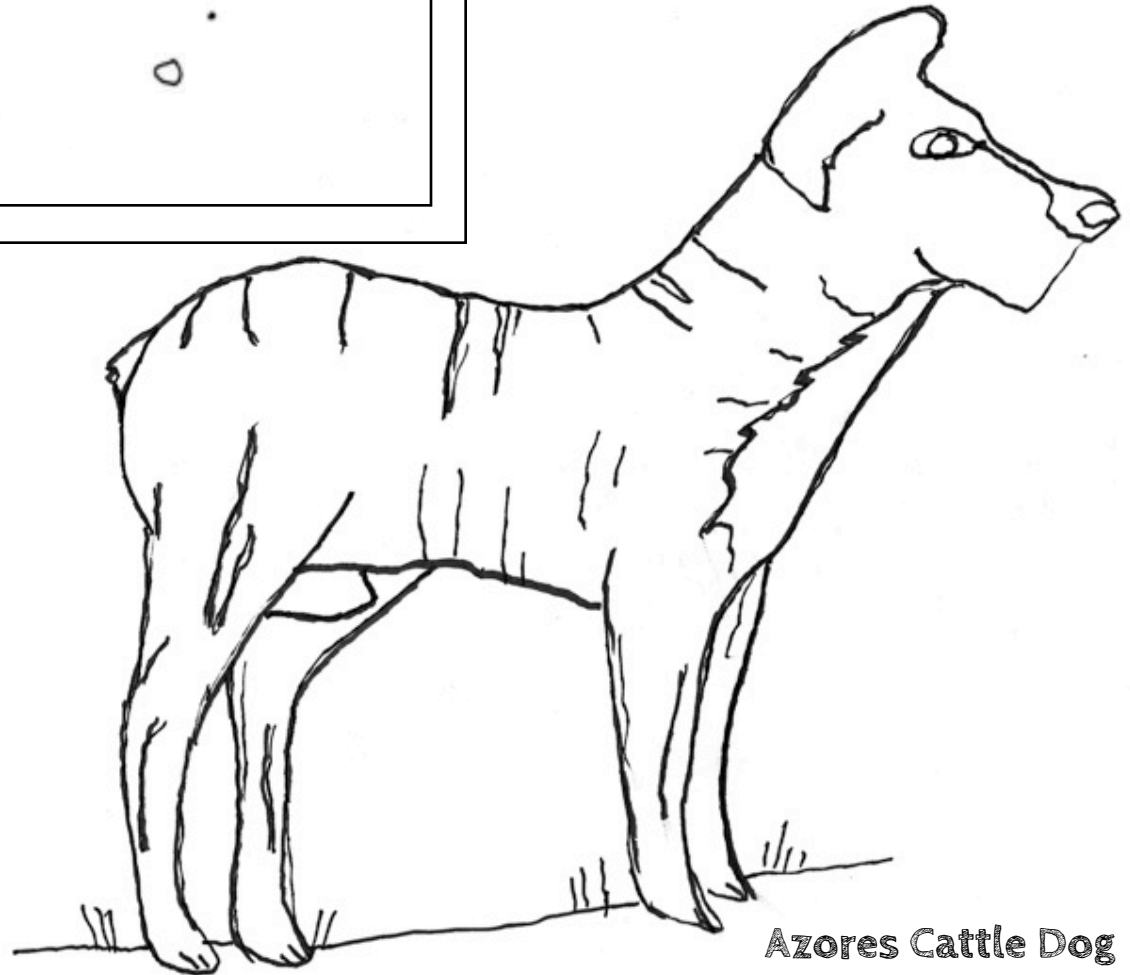
PRINT THIS PAGE:
COLOR AND LABEL
THE MAP, BOTH
LANDFORMS AND
WATER.

ADD A [COMPASS ROSE](#)
TO YOUR MAP!
COLOR
THE CATTLE DOG!

VOCABULARY WORDS

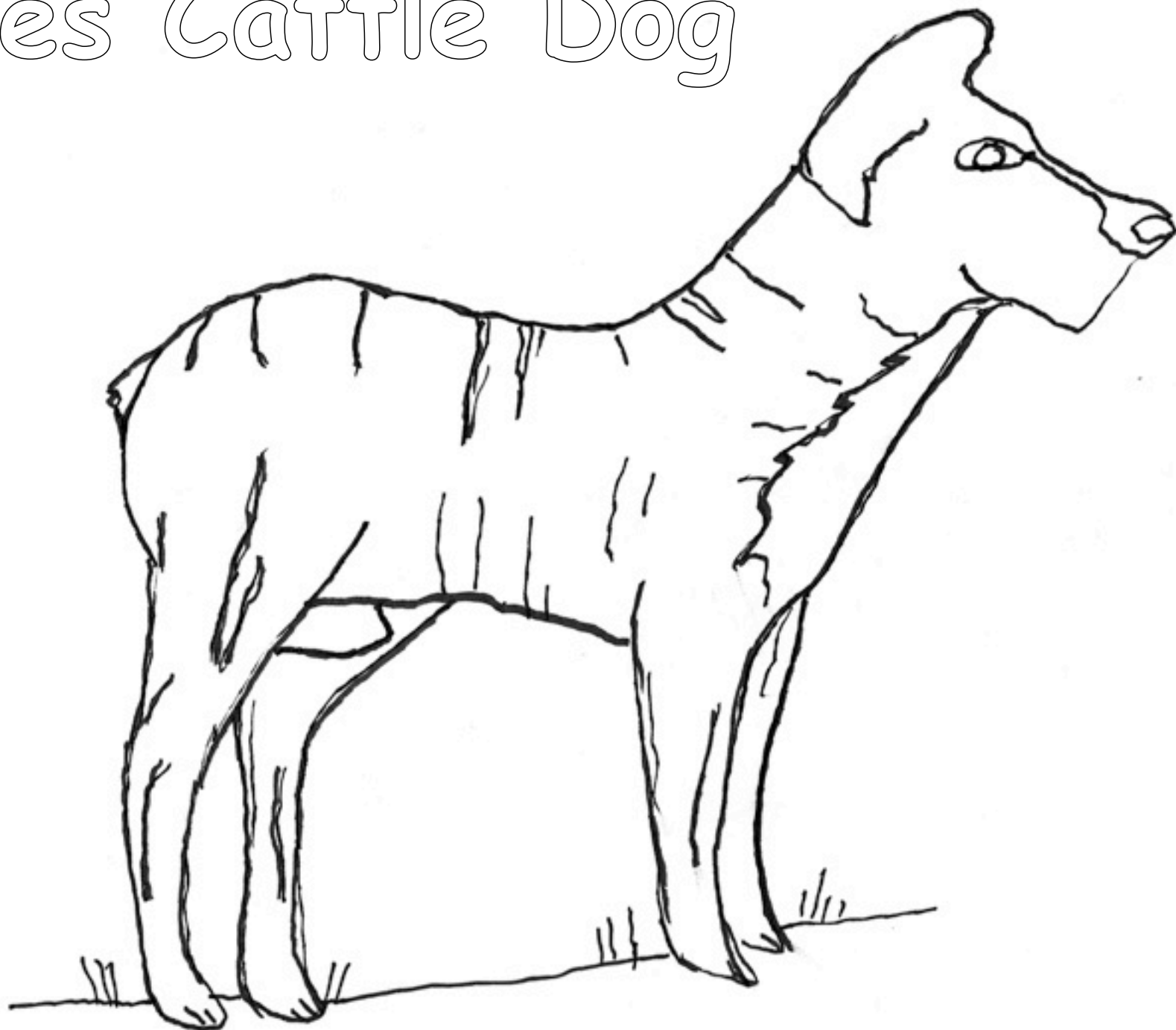
Turn your map over and define
these words!

BREED
MUSCULAR
INTELLIGENT
COMPANION
DOMESTICATED
AGGRESSIVE
TEMPERAMENT
OBEDIENT
ARCHIPELAGO
HEMISPHERE
COLONIST



Azores Cattle Dog

Azores Cattle Dog



THE POWER OF WIND!

It is a well-known fact that islands are subject to the forces of winds. Surrounded by air and water, windmills are common in the Azores, as well as in their “mother” country of Portugal.

At left is an old wind-powered mill on the island of Graciosa in the Azores. Today the Azores are among the most successful makers of wind-power, with modern high-tech windmills like those in the photos below. These modern versions are called **wind turbines**.

How did old windmills of the past work?
How do modern wind turbines capture the power of wind compared to the old windmills of past centuries?



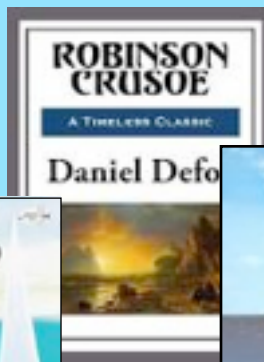
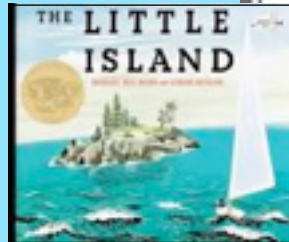
Here is a **WIND FARM**
in Portugal.
The windmills are
generating power!



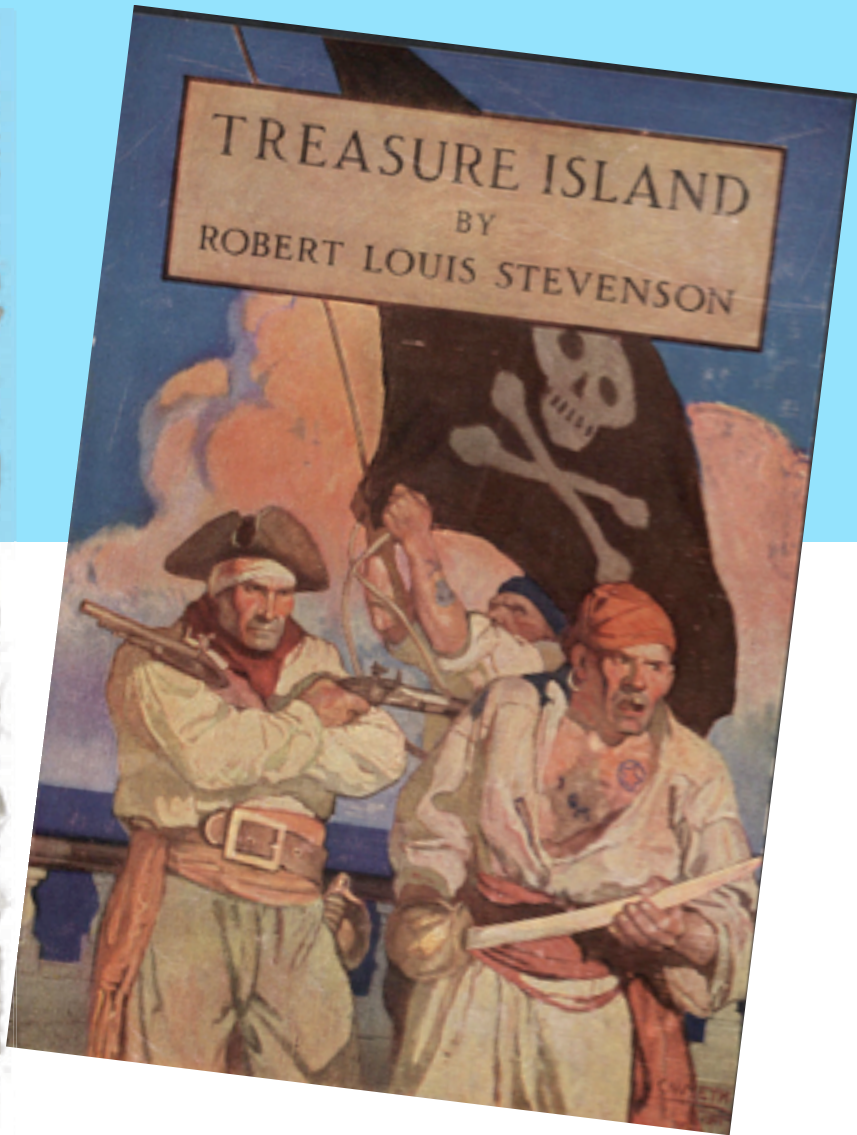
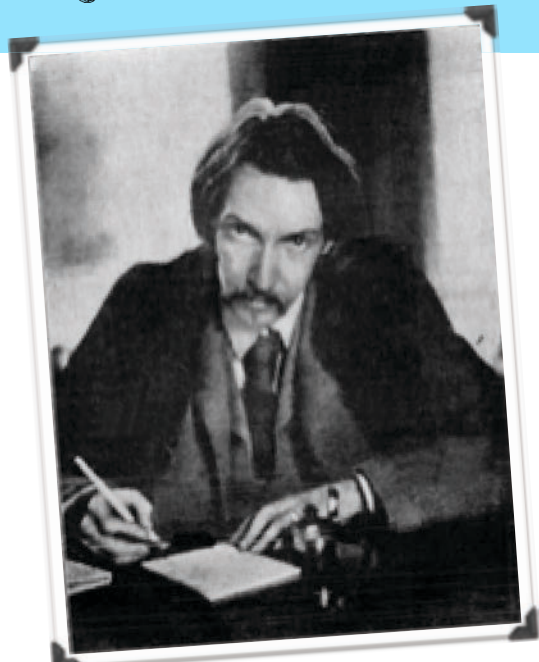
ISLAND READING LIST!

TREASURE ISLAND Robert Louis Stevenson
ISLAND OF THE BLUE DOLPHINS Scott O'Dell
THE MYSTERIOUS ISLAND Jules Verne
THE LITTLE ISLAND Golden MacDonald
ISLAND BOY Barbara Cooney
ROBINSON CRUSOE Daniel Defoe

The Mysterious Island
Jules Verne



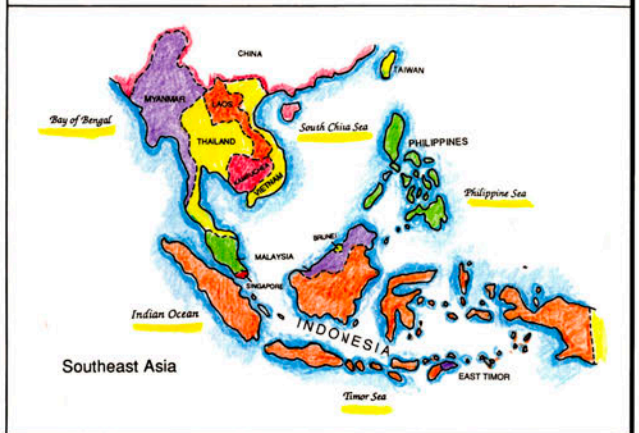
In 1883, Robert Lewis Stevenson's exciting book TREASURE ISLAND was published. Adventure! Pirates! Treasure and.... the dreaded BLACK SPOT! Stevenson drew his own fictional island map when he was writing his book to help him envision the action of his novel. You can see his map at right!



MAP of the MONTH

World Classroom Map

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East Side Station, P.O. Box 2484
Providence, RI 02906-0484
Visit us at www.mapofthemonth.com



Daily World Map

Discover World Geography



Label and list over 200 geographic details of your choice on this map, such as continents, countries and other physical features such as oceans, mountain ranges or major rivers.

Add the geographic names to the lists below. Create categories if you like. For instance, one column could be labeled Bodies of Water. Or a list can represent one month of the school year- add one feature to your map a day!

If a name is too large to fit on the map, add the name to the list and assign a number to it. Then label the map with the number.

- | | | | | | |
|-----------------------------|--------------------------|---------------------|-----------------------|-------------------------------|----------------------------|
| <u>Pacific Ocean</u> | <u>Bay of Bengal</u> | <u>Peru</u> | <u>Nigeria</u> | <u>Rocky Mountains</u> | |
| <u>Atlantic Ocean</u> | <u>Gulf of Bothnia</u> | <u>Algeria</u> | <u>Uruguay</u> | <u>Greenland</u> | <u>Los Angeles</u> 11 |
| <u>Arctic Ocean</u> | <u>Kara Sea</u> | <u>Libya</u> | <u>China</u> | <u>Hawaiian Islands</u> | <u>New York City</u> |
| <u>Indian Ocean</u> | <u>Laptev Sea</u> | <u>Ethiopia</u> | <u>Guyana</u> | <u>Cuba</u> | <u>San Francisco</u> |
| <u>Greenland Sea</u> | <u>East Siberia Sea</u> | <u>Iran</u> | <u>Mauritania</u> | <u>Falkland Islands</u> | <u>Brisbane</u> 12 |
| <u>Beaufort Sea</u> | <u>Bering Sea</u> | <u>Mongolia</u> | <u>Honduras</u> 5 | <u>Canary Islands</u> | <u>Rio De Janeiro</u> |
| <u>Gulf of Alaska</u> | <u>North Sea</u> | <u>Pakistan</u> | <u>Guatemala</u> 6 | <u>Cape Verde</u> | <u>Buenos Aires</u> |
| <u>Baffin Bay</u> | <u>Irish Sea</u> | <u>Chile</u> | <u>Netherlands</u> 7 | <u>Azores</u> | <u>Beijing</u> |
| <u>Hudson Bay</u> | <u>English Channel</u> | <u>Taiwan</u> | <u>Turkey</u> | <u>Bermuda</u> | <u>Madrid</u> |
| <u>Davis Strait</u> | <u>Mediterranean Sea</u> | <u>Poland</u> | <u>Sudan</u> | <u>Tasmania</u> | <u>Bombay</u> |
| <u>Labrador Sea</u> | <u>Gulf of Guinea</u> | <u>Namibia</u> | <u>Suriname</u> | <u>Sri Lanka</u> | <u>Moscow</u> |
| <u>Denmark Strait</u> | <u>Lake Victoria</u> | <u>Romania</u> | <u>Iraq</u> | <u>New Zealand</u> | <u>Oslo</u> |
| <u>Gulf of St. Lawrence</u> | <u>Great Lakes</u> | <u>Thailand</u> | <u>Syria</u> 8 | <u>Madagascar</u> | <u>Bahadad</u> |
| <u>Gulf of Maine</u> | <u>Red Sea</u> | <u>Philippines</u> | <u>Chad</u> | <u>Luzon</u> | <u>Tokyo</u> |
| <u>Gulf of Mexico</u> | <u>Gulf of Aden</u> | <u>Turkmenistan</u> | <u>French Guiana</u> | <u>Jamaica</u> | <u>Cape Town</u> |
| <u>Caribbean Sea</u> | <u>Lake Chad</u> | <u>Viet Nam</u> | <u>South Korea</u> 9 | <u>Iceland</u> | <u>Cairo</u> |
| <u>Gulf of San Matias</u> | <u>Lake Victoria</u> | <u>Niger</u> | <u>Belize</u> | <u>Island of Newfoundland</u> | <u>Cape Horn</u> |
| <u>Gulf of Jorge</u> | <u>Baltic Sea</u> | <u>Ukraine</u> | <u>Equador</u> | <u>Alcutians</u> | <u>Equator</u> |
| <u>Norwegian Sea</u> | <u>Black Sea</u> | <u>Germany</u> 2 | <u>North Korea</u> 10 | <u>Alcutians</u> | <u>Tropic of Capricorn</u> |
| <u>Barents Sea</u> | <u>Arabian Sea</u> | <u>Belarus</u> 3 | <u>South Africa</u> | <u>Solomon Islands</u> | <u>Tropic of Cancer</u> |
| | <u>Gulf of Oman</u> | <u>Austria</u> 4 | | <u>Galapagos</u> | <u>Compass Rose</u> |
| | | | | <u>Sri Lanka</u> | <u>MAP KEY</u> |