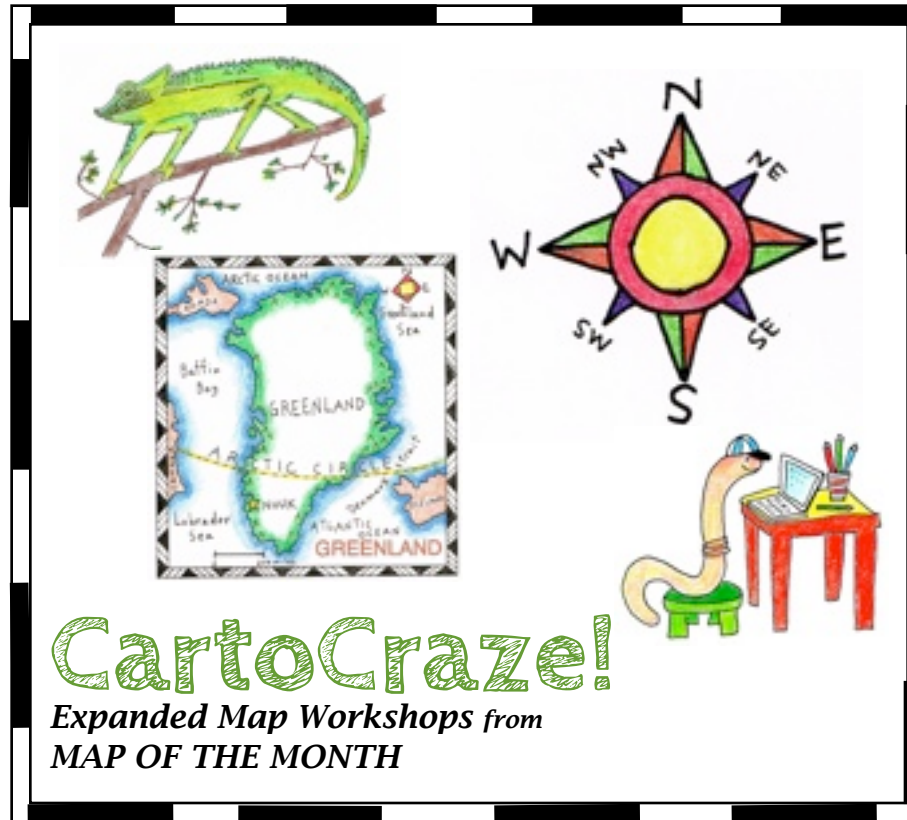


# ALEUTIAN ISLANDS



**CartoCraze!**

**Expanded Map Workshops**

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# ISLANDS

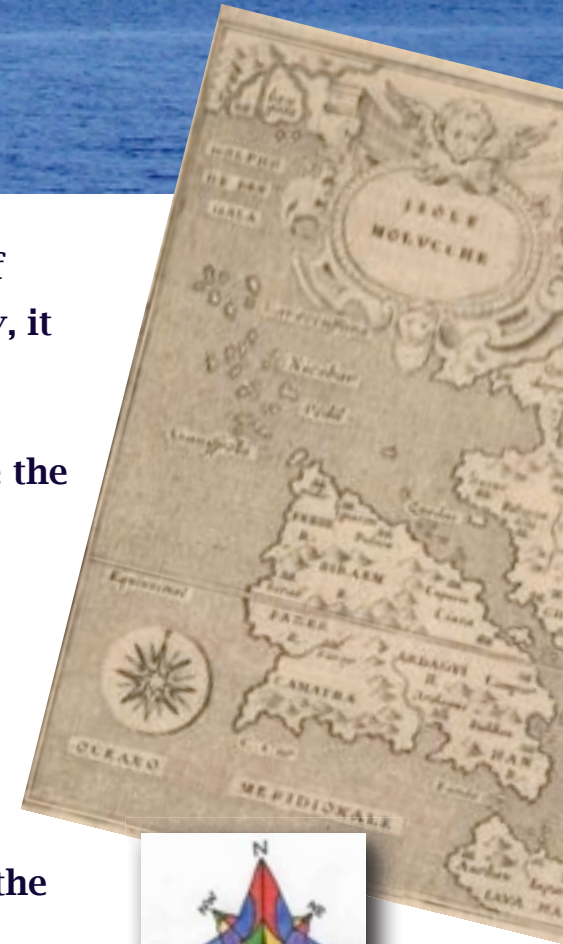


**An island is a piece of land surrounded by water. An island can be as tiny as a spot of land at the center of a freshwater lake, only large enough for a few plants. Alternately, it can be very large, like Greenland, surrounded by salt water ocean.**

**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 ALEUTIAN ISLANDS, with guidelines about making a map, as well as some information about its geography, people and animals.



## ALEUTIAN ISLANDS

The Aleutians are a long chain of volcanic islands, stretching for 1,200 miles. The Aleutians divide the northern Pacific Ocean and the Bering Sea. There are 14 larger islands and 57 small ones. There are also 57 volcanoes! They are part of the state of Alaska, and the western islands in the chain stretch towards the Russian Kamchatka Peninsula.

Scientists have a theory that the Aleutians were once formed a **land bridge**, and were not divided by water. This might have allowed ancient people from ASIA to walk across to the continent of NORTH AMERICA.

There are only about 8,200 people in all the islands. They are called the Aleuts. In the Aleutians, a small city called Unalaska holds more than half that number of people in all the islands combined!

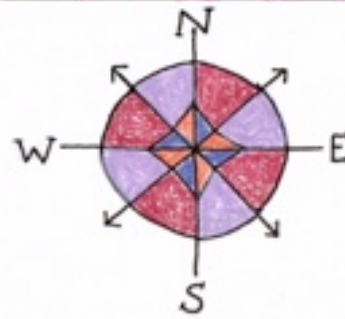
## ALEUTIAN ISLANDS

0 200 miles

Professor Earthworm



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



Near  
Islands

Rat  
Islands

Bering  
Sea

Andreanof  
Islands

Fox Islands

PACIFIC  
OCEAN

# ON THE MAP!



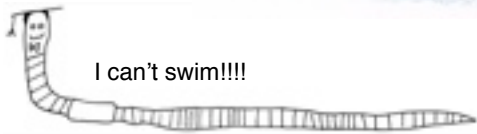
Lines of **latitude** encircle the globe.

As we look at this projection of the Earth map, we can see lines of **longitude** merging at the North Pole.

Looking down on the North Pole, we can see the continent of Asia to the west and the continent of North America to the east.

The RED DOT makes it clear exactly where the Aleutian Islands are located. Research on a more detailed map (maybe in an atlas?) to find the longitude and latitude lines that form the area where most of the Aleutian Islands are located.





I can't swim!!!!

## Whiskered Auklet

The Whiskered Auklet is found exclusively around the Aleutian Islands. This small scarlet-beaked seabird is characterized by white plumes or whiskers around its face. The whiskers do more than give the Auklet a unique appearance: they help the bird sense their surroundings in the dark.

The Auklet is one of the rarest species of seabirds and its behavior is hard to study since it is secretive and nocturnal. These whiskered Auklets do not build nests, but instead use the rock crevices of the island for socializing and egg-laying.



## Aleutian Islands

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

ADD A COMPASS ROSE  
 TO YOUR MAP!  
 COLOR  
 THE WHISKERED AUKLET!

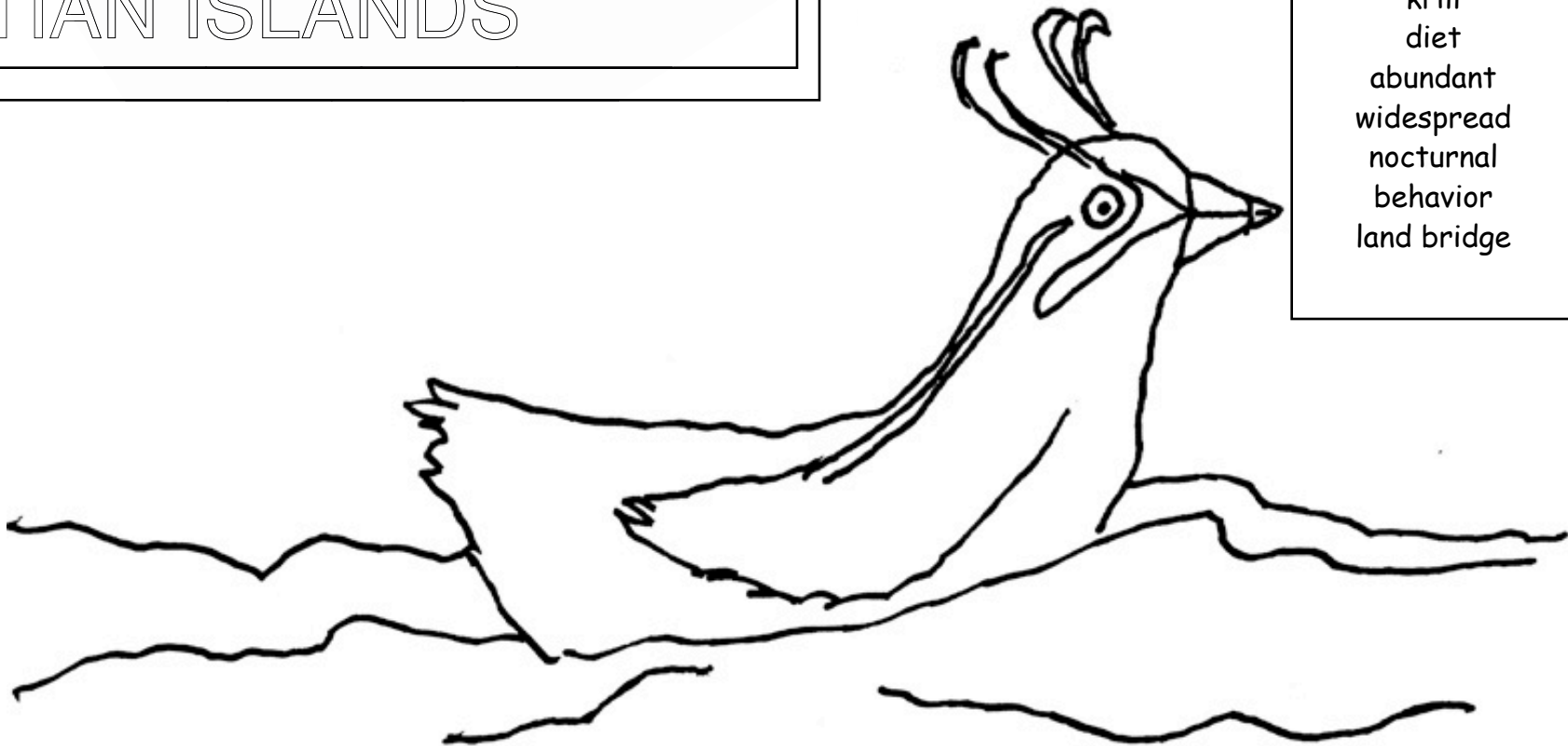
## VOCABULARY WORDS

Turn your map over and  
 define these words!

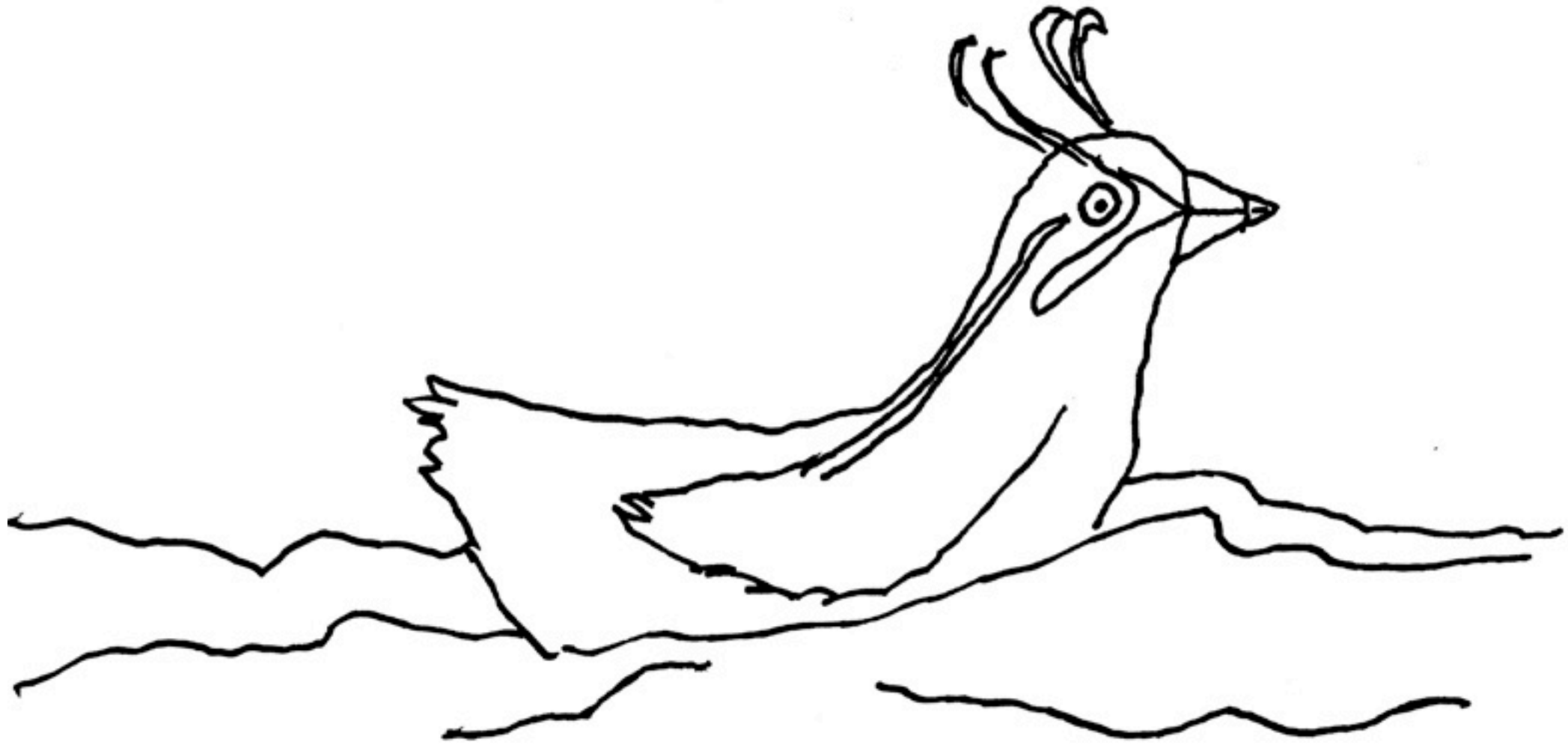
- seabird
- theory
- plumage
- specimen
- incubation
- colonies
- whiskers
- tidal
- krill
- diet
- abundant
- widespread
- nocturnal
- behavior
- land bridge

## SPELLING WORDS

- forage
- rocky
- crevice
- zooplankton
- chatter
- molt
- vulnerable
- cavity
- ledge
- confident
- migration



**Whiskered Auklet**



WHISKERED AUKLET

# TUXEDO CLUB OF THE ALEUTIANS!

We found it curious that these Aleutians creatures are colored in Black and white, reminding us of fancy tuxedos!



Can you write a short story that has these animals as characters? Your story can be comical or serious, but make it interesting by describing the the location, the look of your characters and create a plot that makes them all share an experience! You can use our title, or make up one of your own!

## Horned Puffins



Photo: United States Fish and Wildlife Service.

## KILLER WHALES

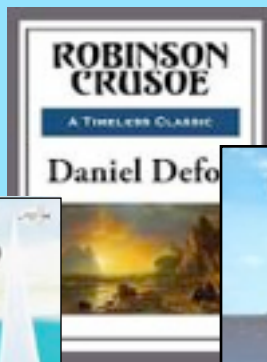
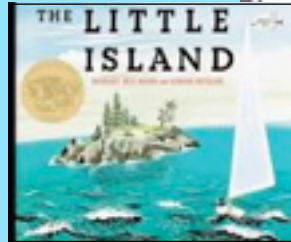


Whiskered  
Auklet

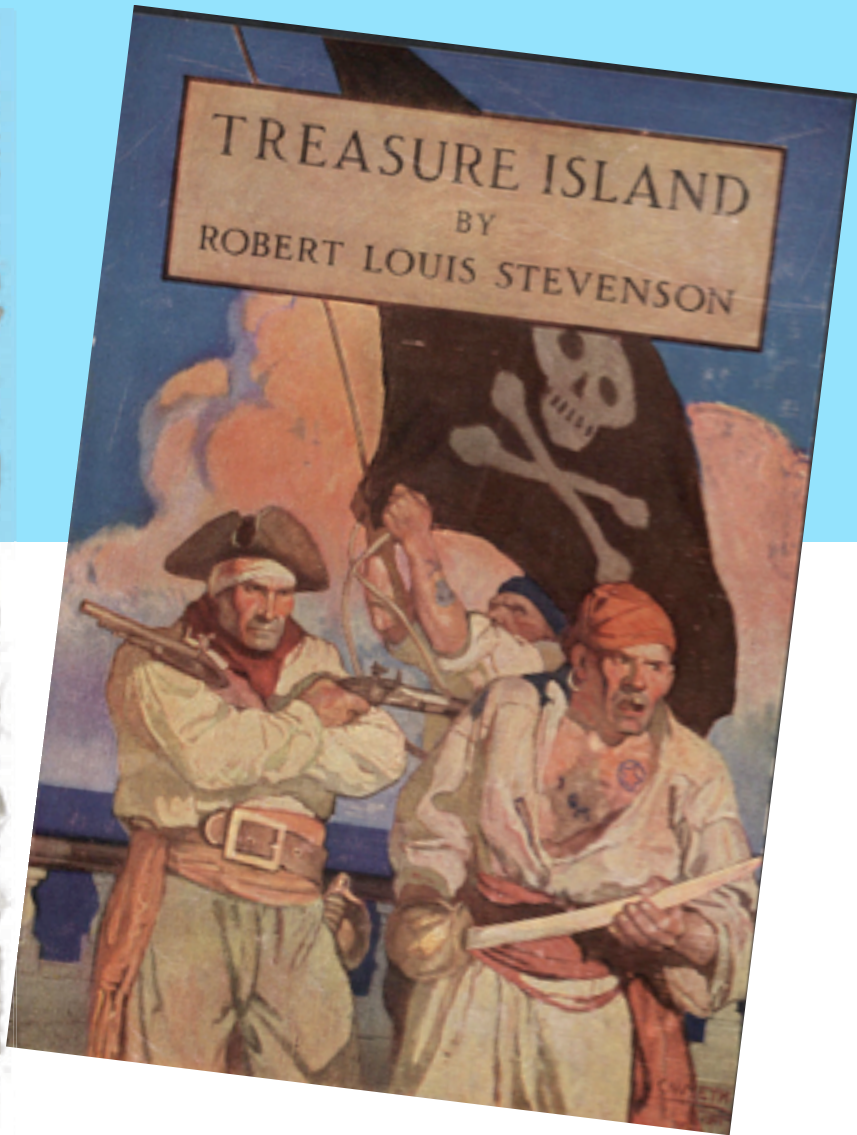
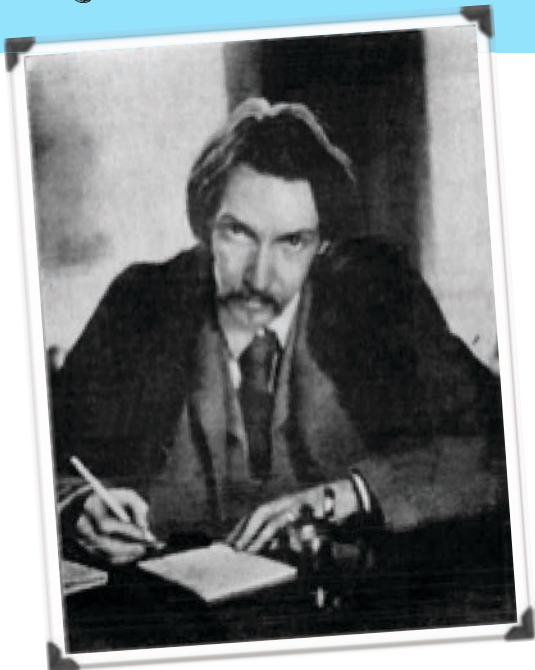
# ISLAND READING LIST!

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



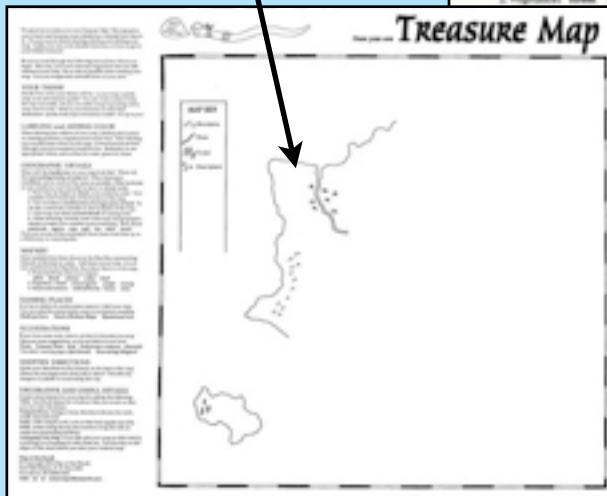
In 1883, Robert Lewis Stevenson's exciting book TREASURE ISLAND was published. Adventure! Pirates! Treasure and.... the dreaded BLACK SPOT! Stevenson drew his own fictional island map when he was writing his book to help him envision the action of his novel. You can see his map at right!



# Make your own TREASURE MAP!



BLANK MAP!



**Try it!**

It's great fun to make your own Treasure Map! This map gives you a head start because some details have already been drawn in. It's up to you to finish drawing, labeling and coloring your map. Lastly, you can write detailed directions on how to get to your hidden treasure!

Be sure to read through the following instructions before you begin. This way, you won't miss any suggestions that can add interest to your map. Be as neat as possible when creating your map. Use your imagination and add those of your own!

**YOUR THEME**  
Decide first what your theme will be: is your map a pirate map, or an adventurer's guide? You can create a story of why the map was made. Or you can make a map to go along with a story you've read. What is your treasure, or your final destination—growth, love, hope or mystery's land? It's up to your imagination!

**LABELING and ADDING COLOR**  
When drawing the outlines of your map, labeling place names or creating symbols, a regular pencil works best. After labeling, you can add many colors to your map. Colored pencils are best, although crayons or markers would be fine. Remember to use appropriate colors, such as blue for water, green for forest.

**GEOGRAPHIC DETAILS**  
What will the landscape on your map look like? What will the surrounding bodies of water be? When drawing in conditions, use as much of the space as possible. If the land area is very small you won't be able to draw in details easily.

- Your map can depict an island, surrounded by water. Your coastline won't touch any of the borders of the map.
- You can draw a small section of a larger piece of land. To do this, extend the coastline to the borders of the map.
- Your map can show several islands of varying sizes.
- When drawing, include some waterways and geographic details to make your coastline more interesting. How about peninsulas, bays, cays, gulf, bay, delta, beach?

If you are unsure of the meaning of these terms, look them up in a dictionary or encyclopedia.

**MAP KEY**  
Some symbols have been shown in the Map Key, representing features of the land or water. Add these to your map. Invent new symbols for the Map Key, then draw them in on the map.

- Some landmarks that occur around the globe: desert, volcano, valley, hill, mountain, forest, meadow, grassy plain, swamp, lake, river, bay, inlet, cove, beach, sand dunes, lagoon, archipelago, coral reef, barrier island, atoll, lagoon, bay, inlet, cove, cliff, river delta, channel, hills, desert, volcano, valley, mountain, lake, pond, marsh, spit, cape, bay, spit, harbor, hills, desert, channel, river delta, cove, cliff, lagoon, bay, inlet, cove, atoll, coral reef, barrier island.

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# Treasure Map

Draw your own

COMPLETED MAP!

Just as Robert Louis Stevenson did when he wrote his novel TREASURE ISLAND, you can design your own fictional map and write a story about it! Here is an example of a map someone made using our TREASURE MAP!

# Map of the Month

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**Boundary Lines:**  
Why are they drawn differently?  
A solid line shows a coast or shoreline.  
Political boundaries between states  
and countries are usually shown with  
broken lines. A long line with three  
dashes shows the border between the  
USA (Alaska) and Canada and the USA  
and Russia.

# Alaska: Largest State in the USA

Welcome to Alaska! Alaska is the state with the most land area in the United States. Located in the northwestern corner of North America, Alaska shares its eastern boundary with the country of Canada. The Arctic Ocean lies to the north, the Pacific Ocean to the south. The country of Russia is only fifty-one miles from Alaska to the west, across the Bering Strait.

**TOPOGRAPHICAL REGIONS:** Within Alaska there are four major areas with very different characteristics. Here is a description of them, from north to south.

**Arctic Slope Area:** North of the Brooks Mountain range, within the Arctic Circle. This area is barren and sparsely populated, extremely cold during the long sunless winter months. Vast oil and natural gas reserves are located beneath the surface of this region.

**Brooks Mountain Range:** Massive mountain range running west to east, just north of the Arctic Circle. These mountains divide the Arctic Slope area from the Central region.

**Central Region:** Flatter and lower than the two mountain ranges to the north and south. There are many hills and valleys, with forests, lakes and wetlands. Although very cold, parts of this region are well populated. The long Yukon River, flowing from Canada into the Bering Sea, divides this region.

**Pacific Mountain Area:** Mountainous southern area extends from the eastern panhandle to the western Aleutian Islands. There are high coastal mountains in the panhandle area. The Alaskan Range at the center includes the highest point in North America, Mount McKinley. The lower Aleutian Range lies to the west, covering the Alaska Peninsula.

## Vocabulary

Look up these words and terms in a dictionary or encyclopedia. They may become part of your discussions about the geography, history, native culture and resources of Alaska.

- Seward's Folly
- Midnight Sun
- Denali
- Iditarod Trail
- Eskimos
- Aleuts
- panhandle
- strait
- time zone
- glacier
- fjord
- permafrost
- tundra
- bay
- peninsula
- basin
- plateau
- climate
- hot springs
- oil reserve
- petroleum
- fishery
- mining
- agriculture
- forestry
- statehood

**MAP KEY**

- Mountains
- River
- Capital
- City
- Town

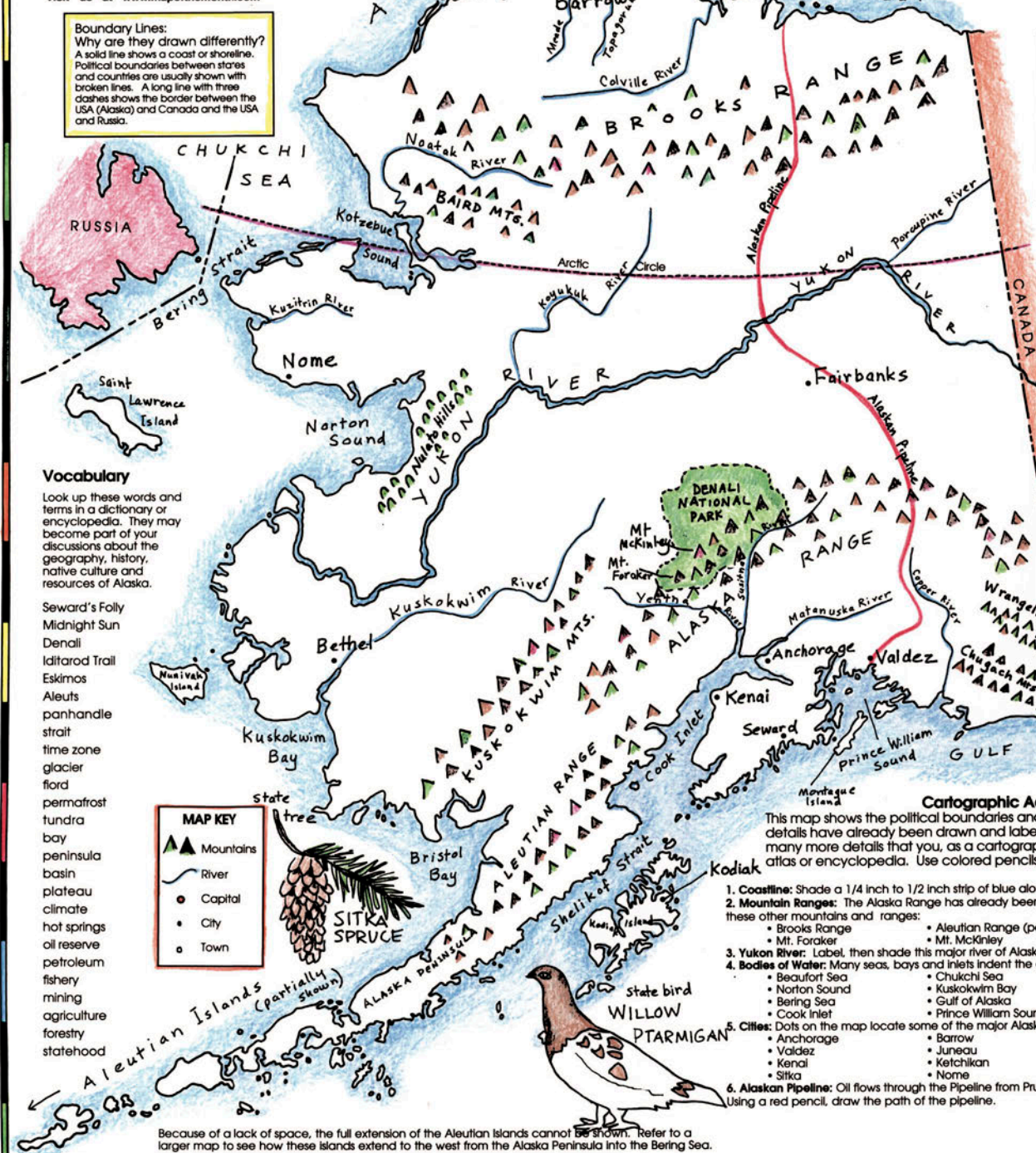
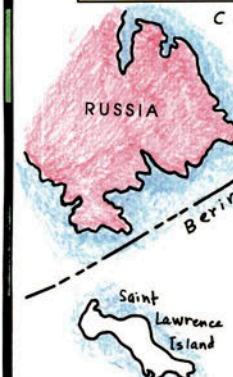
**Cartographic Activities**  
This map shows the political boundaries and coastline of Alaska. Some details have already been drawn and labelled on the map. There are many more details that you, as a cartographer, can add. Refer to an atlas or encyclopedia. Use colored pencils and be as neat as possible.

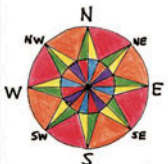
1. **Coastline:** Shade a 1/4 inch to 1/2 inch strip of blue along the coastline, including the islands.
2. **Mountain Ranges:** The Alaska Range has already been drawn in and labelled. Draw and label these other mountains and ranges:
  - Brooks Range
  - Mt. Foraker
  - Aleutian Range (partial)
  - Mt. McKinley
  - Kuskokwim Mountains
  - Mountains on panhandle
3. **Yukon River:** Label, then shade this major river of Alaska with a blue pencil. Add other rivers.
  - Kuskokwim Bay
  - Kotzebue Sound
  - Bristol Bay
  - Shelikof Strait
  - Dixon Entrance
4. **Bodies of Water:** Many seas, bays and inlets indent the coast of Alaska. Mark the following:
  - Beaufort Sea
  - Norton Sound
  - Bering Sea
  - Cook Inlet
  - Chukchi Sea
  - Gulf of Alaska
  - Prince William Sound
5. **Cities:** Dots on the map locate some of the major Alaskan cities. Locate and label the following:
  - Anchorage
  - Valdez
  - Kenai
  - Sitka
  - Fairbanks
  - Bethel
  - Seward
  - Kodiak
6. **Alaskan Pipeline:** Oil flows through the Pipeline from Prudhoe Bay in the north to Valdez in the south. Using a red pencil, draw the path of the pipeline.

Because of a lack of space, the full extension of the Aleutian Islands cannot be shown. Refer to a larger map to see how these islands extend to the west from the Alaska Peninsula into the Bering Sea.

**EARTHWORM SAYS:**  
THIS AREA IS KNOWN AS THE PANHANDLE

**FORGET-ME-NOT**  
state flower





# NORTH AMERICA

## Map of the Month

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### USA FEATURES

Label states and outline the regions. Each state name has an abbreviation that you can use. You may want to label other details, such as state capitals, major cities, large lakes, etc.

#### Northeastern states

- CT Connecticut
- DE Delaware
- ME Maine
- MD Maryland
- MA Massachusetts
- NH New Hampshire
- NJ New Jersey
- NY New York
- PA Pennsylvania
- RI Rhode Island
- VT Vermont
- (DC District of Columbia)

#### Southeastern states

- AL Alabama
- FL Florida
- GA Georgia
- KY Kentucky
- NC North Carolina
- SC South Carolina
- TN Tennessee
- VA Virginia
- WV West Virginia

#### South Central states

- AR Arkansas
- LA Louisiana
- MS Mississippi
- OK Oklahoma
- TX Texas

#### Midwestern states

- KS Kansas
- MN Minnesota
- IA Iowa
- MO Missouri
- IL Illinois
- WI Wisconsin
- MI Michigan
- OH Ohio
- IN Indiana
- ND North Dakota
- SD South Dakota
- NE Nebraska

#### Northwestern states

- AK Alaska
- ID Idaho
- MT Montana
- OR Oregon
- WA Washington
- WY Wyoming

#### Southwestern states

- AZ Arizona
- CA California
- CO Colorado
- NV Nevada
- NM New Mexico
- UT Utah

#### Pacific state

- HI Hawaii

North America is the third largest continent in terms of land area. It is located in the northern and western hemispheres. The Atlantic Ocean lies to the east and the Pacific Ocean to the west. To the north is the Arctic Ocean. The Caribbean Sea is to the southeast.

North America has three large countries: Canada, the United States and Mexico. In addition, the area known as Central America is made up of seven smaller countries. There are many small islands in the Caribbean; some are independent countries, others are territories of the US or European countries. The largest island in the world, Greenland, is a territory of the Scandinavian country of Denmark. Most geographers agree that the the most southern point of the North American continent occurs at the isthmus of Panama.

Within this continent, the climate varies from the northern arctic regions to the deserts of the American Southwest to the tropical areas of the American Southeast and the Caribbean.

There are many notable geographic features in North America. Many mountain ranges extend along the western areas from Alaska to Panama. In the east, the land tends to be lower in elevation. Here the most significant ranges are part of the Appalachian Mountains. There are also highlands in Labrador and the Baffin Islands. There are many large lakes and rivers in North America. The most obvious on the map are the Great Lakes, which are clustered around the northern border of the United States.

### ACTIVITIES

- Label the physical and political features of North America.
- Color the countries, states and provinces with different colors.
- Color the bodies of water, including the oceans, a light blue.

### COUNTRIES and TERRITORIES

- CANADA
- USA
- MEXICO
- BELIZE
- GUATEMALA
- EL SALVADOR
- HONDURAS
- NICARAGUA
- COSTA RICA
- PANAMA
- BAHAMAS
- CUBA
- JAMAICA
- HAITI
- DOMINICAN REPUBLIC
- PUERTO RICO
- GREENLAND

The following islands are so small it may not be easy to label them!

- Try your best!
- VIRGIN ISLANDS
- ANTIGUA AND BARBUDA
- GUADALUPE
- MARTINIQUE
- MONTserrat
- DOMINICA
- ST. LUCIA
- BARBADOS
- ST. VINCENT AND THE GRENADINES
- GRENADA
- TRINIDAD AND TOBAGO
- ARUBA
- NETHERLANDS ANTILLES
- ST. KITTS AND NEVIS

### BODIES OF WATER

- Arctic Ocean
- Atlantic Ocean
- Pacific Ocean
- Gulf of Mexico
- Hudson Bay
- Labrador Sea
- Baffin Bay
- Beaufort Sea
- Gulf of Alaska
- Caribbean Sea
- Gulf of California

### Lakes

- Lake Huron
- Lake Ontario
- Lake Michigan
- Lake Erie
- Lake Superior
- Great Bear Lake
- Great Slave Lake
- Lake Winnipeg

### Rivers

- Draw in and label these major rivers: many run along state boundaries.
- Ohio River
- Mississippi River
- Missouri River
- Yukon River

### MOUNTAINS

- Using the triangular symbol shown here, draw in and label these major ranges.
- Rocky Mountains
- Appalachian Mountains
- Sierra Madre Oriental

### CANADIAN PROVINCES

- Label these provinces.
- Prince Edward Island
- New Brunswick
- Newfoundland and Labrador
- Quebec
- Ontario
- Manitoba
- Nunavut
- Northwest Territories
- Yukon Territory
- British Columbia
- Alberta
- Saskatchewan
- Nova Scotia

### MAP KEY

- ⊙ Capital
- City
- ▲▲▲ Mountains
- River (blue)
- ☀ Desert



Every state has official symbols, such as a state bird or state tree. Research the symbols for your state and draw them here.

### DECORATIVE FEATURES

Color the Compass Rose and the Title.