

# NTI DAY 3



Harrison County Schools

Name: \_\_\_\_\_

Grade: 4

Teacher: \_\_\_\_\_

**Complete within 2 weeks of returning to school.**

## Day 3 Checklist

### **Math**

Performance Task OR 30 minutes of Math on EXACT PATH.

Number of the Day (If you choose the EXACT PATH option, you DO NOT have to complete Number of the Day.)

Date for Exact Path: \_\_\_\_\_

Time: \_\_\_\_\_ to \_\_\_\_\_

### **Reading**

Read Works Passage - Electricity and Energy "The Light Bulb"

OR 30 minutes of Reading on EXACT PATH.

Date for Exact Path: \_\_\_\_\_

Time: \_\_\_\_\_ to \_\_\_\_\_

### **Global Competency**

Maps Around the World

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Standard: 4.NBT.2

## Snow Day 3

I Can Statements: I can read and write whole numbers up to one million. I can compare two whole numbers using  $>$ ,  $<$ , and  $=$  symbols.

### Performance Task:

The populations of two cities are shown below:

City A: 1,859,352

City B: 985,321

Write each city's population in number name form.

Write each city's population in expanded form.

Compare the cities' population using  $>$ ,  $<$ , or  $=$ .

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Number of the Day:

12,219

Using the last 2 digits,  
write prime or composite.

Write in expanded form:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Write in written form:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ODD OR EVEN?

Take the digit in the ones place and write 10 multiples  
for that number:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

MULTIPLY THE  
DIGITS:

Round the number to the nearest place.

Tens: \_\_\_\_\_

Hundreds: \_\_\_\_\_

Thousands: \_\_\_\_\_

Multiply by the following.

10: \_\_\_\_\_

100: \_\_\_\_\_

1,000: \_\_\_\_\_



Tell 2 ways to make the number:

\_\_\_\_\_  
\_\_\_\_\_



Take 2 digits from the number and  
make a new 2 digit number. Tell if it is  
prime or composite. If composite, write  
2 factors for the number.

New number: \_\_\_\_\_

Prime or Composite

\_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

Put the Number of the Day in the correct place value below.

Millions			Thousands			Ones		
Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

## Electricity & Energy

### The Light Bulb

Thomas Edison invented the first commercially successful light bulb in 1879. Ironically, barely anyone in America had **access**<sup>1</sup> to electricity. They couldn't use the new invention. Edison worked to solve this problem. He helped develop power plants so that they could **distribute**<sup>2</sup> electricity over wires to homes and businesses. Once electricity reached customers across the nation, everyone had light bulbs.

Light bulbs literally changed the way people lived. Before, people **strained**<sup>3</sup> to read by candlelight. Now, they could read comfortably with adequate light. The invention of the light bulb also led to the invention of other electrical items. Soon, refrigerators and electric heaters also helped people live more easily, and radios entertained people.

Imagine what your life would be like without light bulbs. You would have to keep a lot of candles at home. The streets would be sometimes so dark you probably would not go out after sundown. A simple little light bulb has made all the difference in the world. It has created a high level of convenience and security for the human race.

<sup>1</sup> **access** - a way to enter or use

<sup>2</sup> **distribute** - to deliver a product to various places

<sup>3</sup> **strained** - not natural, forced

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Which of the following would best replace “Ironically” in the second sentence of the first paragraph?
  - a. Strangely enough,
  - b. Happily enough,
  - c. As Edison would have it,
  - d. Just like he planned,
  
2. Edison helped to make electricity available to everyone and therefore they
  - a. read by candlelight.
  - b. stayed in the dark.
  - c. used light bulbs.
  - d. strained their eyes.
  
3. Without electricity, it is most difficult to read at what time of day?
  - a. at noontime.
  - b. around 3 o'clock in the afternoon.
  - c. at 8 a.m.
  - d. at 10 p.m.
  
4. The second part of the passage tells you about
  - a. other electrical inventions.
  - b. how the light bulb changed how people lived.
  - c. how Edison worked to create power plants.
  - d. how much people loved Edison's invention.
  
5. According to the passage, the light bulb led to the invention of all of the following things *except*
  - a. automobiles.
  - b. refrigerators.
  - c. electric heaters.
  - d. radios.

6. Based on what you've read in the passage, what are the character traits that best describe Thomas Edison?

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7. How has the light bulb created a high level of convenience and security for people?

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8. Choose the word that best completes the sentence.

If there were no light bulbs, \_\_\_\_\_ the streets would be sometimes so dark you probably would not go out after sundown.

- a. both
- b. then
- c. even
- d. either

9. Answer the following questions based on the sentence below.

Thomas Edison helped develop power plants to distribute electricity over wires to homes and businesses.

Who? Thomas Edison

(did) What? \_\_\_\_\_

Why? \_\_\_\_\_

Where? \_\_\_\_\_

10. **Vocabulary Word:** access: a way to enter or use.

Use the vocabulary word in a sentence: \_\_\_\_\_

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**Teacher Guide and Answers**

## Global Competency NTI Lesson

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Fourth grade students will complete the chart. Find 10 items with labels that show you where those items were made. List the item, country it came from, and why it is useful to you.

Attached to the chart you will find 6 continents with countries labeled. Color in the countries where your items came from.

\*If you have a country that is not shown on the maps included, you can skip that part of the assignment for those countries.





*Maps*



*From*

*Around*

*the World*

*Created By: Shannon Moyer*



*The Teaching Reef*

Greenland  
(Denmark)

# Europe

Iceland



Ireland  
United Kingdom

The Netherlands  
Belgium

Denmark

Germany

France

Luxembourg

Switzerland

Liechtenstein

Austria

Slovenia

Croatia

Bosnia

Montenegro

Italy

Albania

Greece

Cyprus

Malta

Norway

Sweden

Finland

Estonia

Latvia

Lithuania

Belarus

Poland

Ukraine

Moldova

Romania

Bulgaria

Kosovo

Macedonia

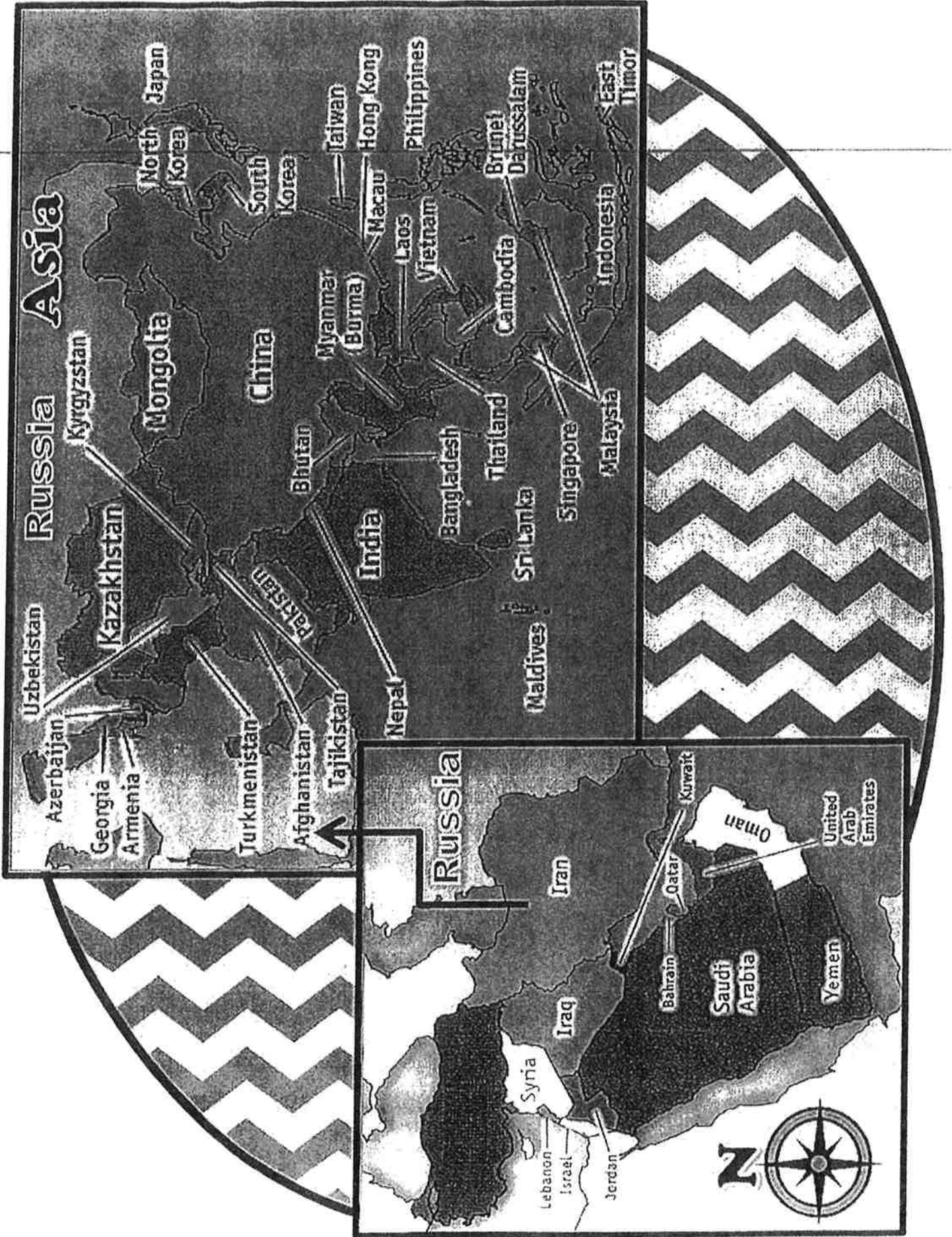
Serbia

Turkey

Cyprus

Malta





# Asia

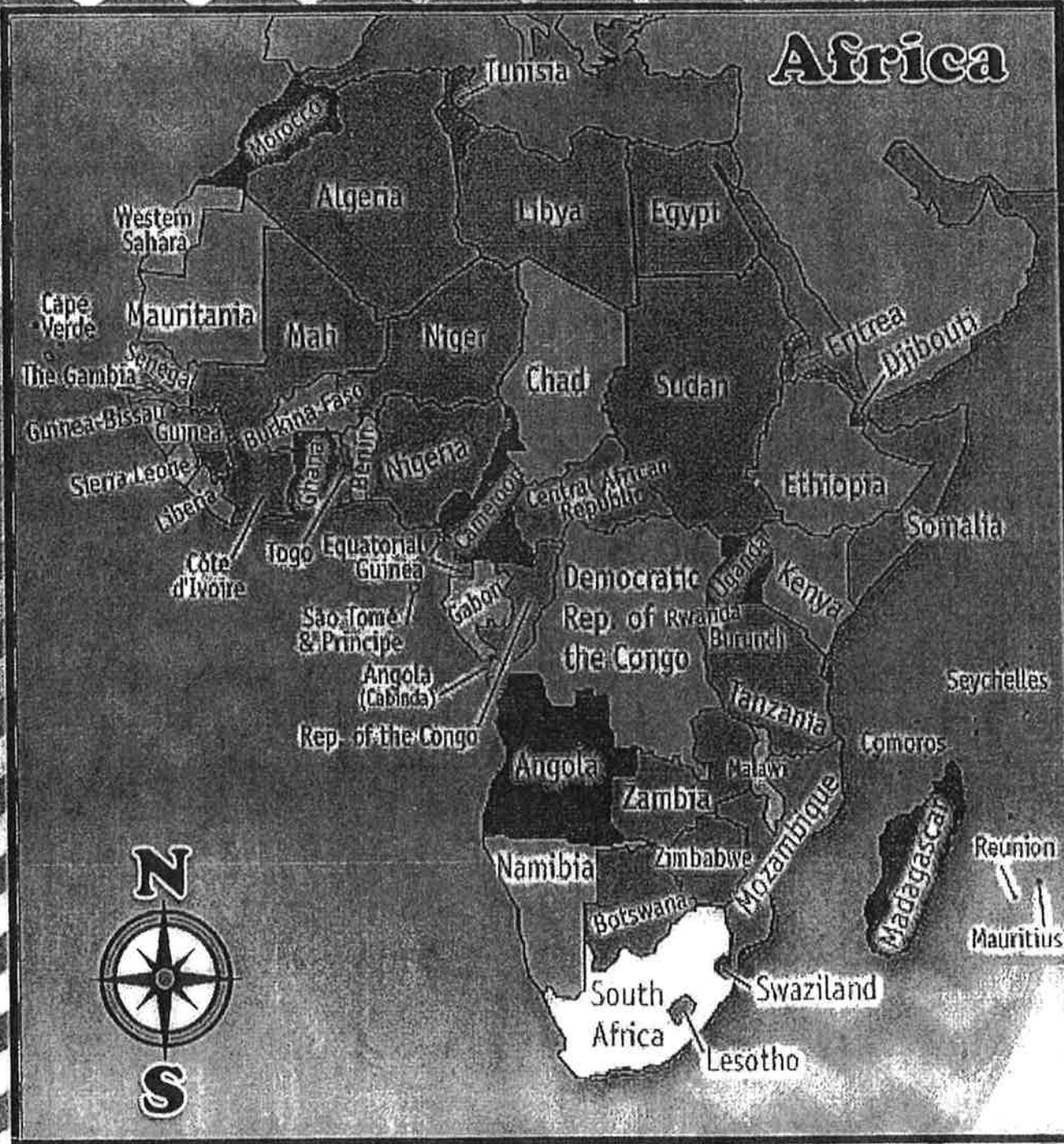
North Korea  
South Korea  
Japan  
Taiwan  
Hong Kong  
Philippines  
Brunei  
Darussalam  
East Timor  
Indonesia  
Cambodia  
Vietnam  
Laos  
Myanmar (Burma)  
Macao  
China  
Mongolia  
Kyrgyzstan  
Russia  
Bhutan  
India  
Bangladesh  
Thailand  
Singapore  
Malaysia  
Sri Lanka  
Maldives  
Nepal  
Tajikistan  
Afghanistan  
Turkmenistan  
Uzbekistan  
Kazakhstan  
Pakistan  
Azerbaijan  
Georgia  
Armenia

# Middle East

Russia  
Iran  
Iraq  
Syria  
Lebanon  
Israel  
Jordan  
Bahrain  
Oman  
Kuwait  
Saudi Arabia  
Yemen  
United Arab Emirates



# Africa







**South  
America**

Venezuela  
Colombia  
Ecuador  
Guyana  
Suriname  
French Guiana

Peru  
Brazil

Bolivia

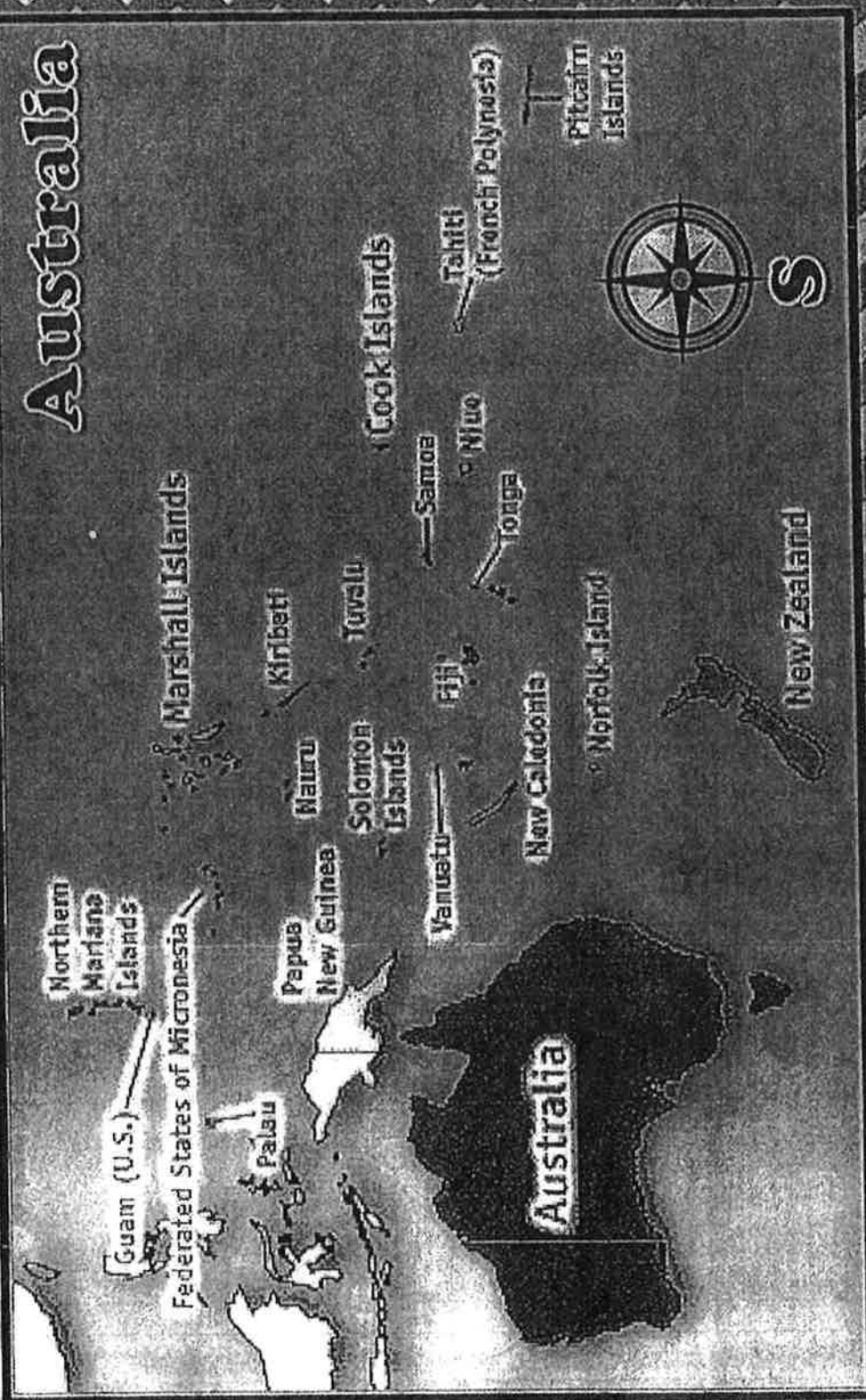
Chile  
Argentina  
Uruguay

Paraguay

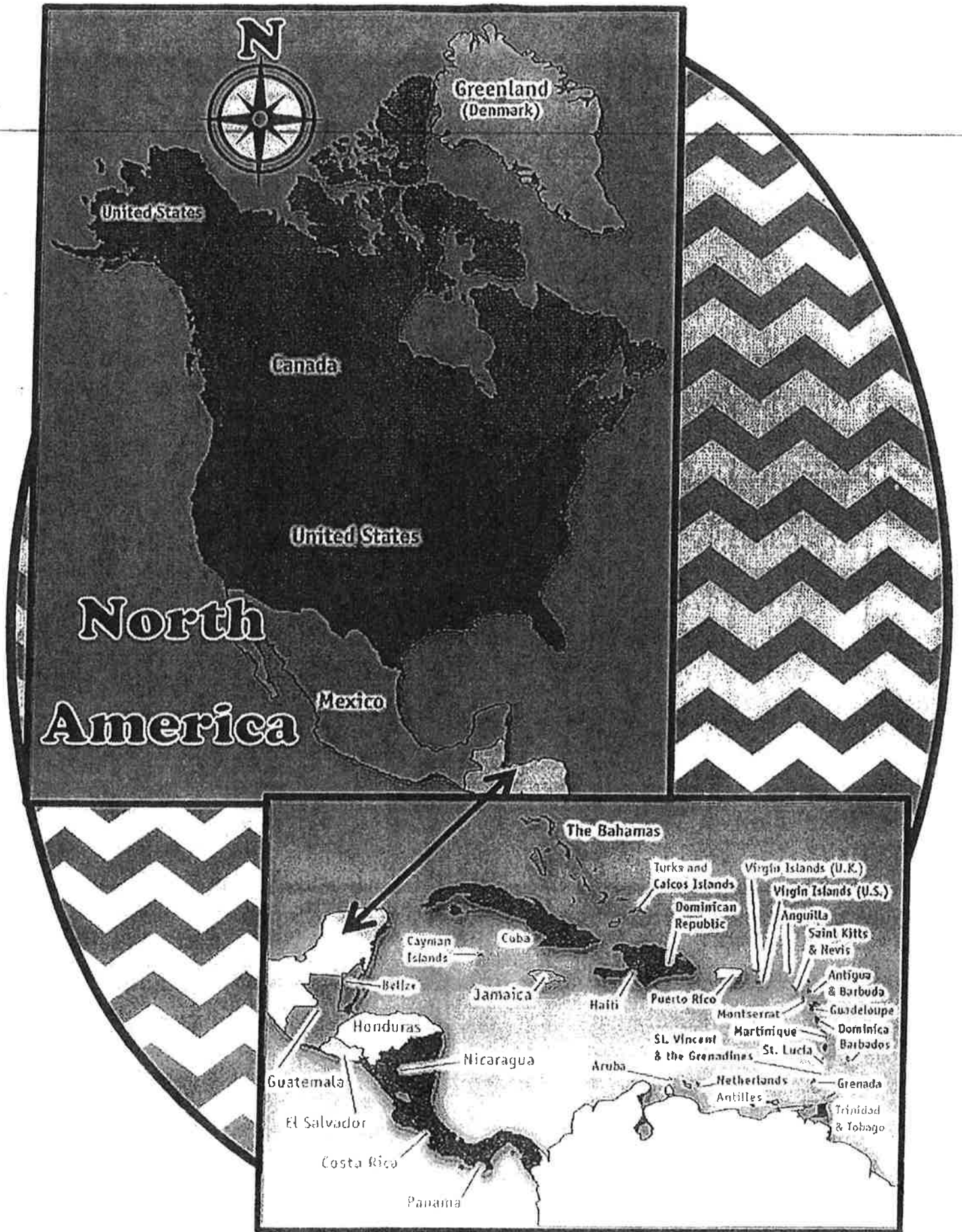
Falkland  
Islands  
(U.K.) /  
Islas Malvinas



# Australia









# Antarctica

