THE PACIFIC RIM

UNIT OVERVIEW

In this unit, students hop, skip and jump around the Pacific Rim. It is an in-depth study covering a broad range of topics from basic geography, mapping skills, climate studies and resources to type of government - all as they relate to the twenty-four nations of the Pacific Rim. Students will gain a new understanding of this emerging trade powerhouse.

PART I - CORE TEACHING LESSONS

In this section, students learn all about the Pacific Rim using a structured format. Exciting activities related to each of the lesson topics are used to "cement in" concepts. The student notes can be photocopied and given as handouts or simply written on the board for students to write in their notebooks. A sample review exam is included. Lesson topics and activities are as follows:

		4
1)	The Pacific Rim - From Coast to Coast	Map, wordsearch
2)	Ring of Fire - She's Going to Blow!	Diagram, mapping activity
3)	Climate - And Now For the Weather	Graph
4)	Population - People Everywhere!	Pictograph
5)	Resources - Gifts From Nature	Classification, diagram
6)	Government - Take Us to Your Leader!	Role-play activity

PART II - OPTIONAL LESSONS

These optional activities are meant to enhance and supplement the core lessons. They help to build a degree of flexibility into the unit. Teachers may use these activities however they wish. The lessons include: Mexican Hat Dance

7)

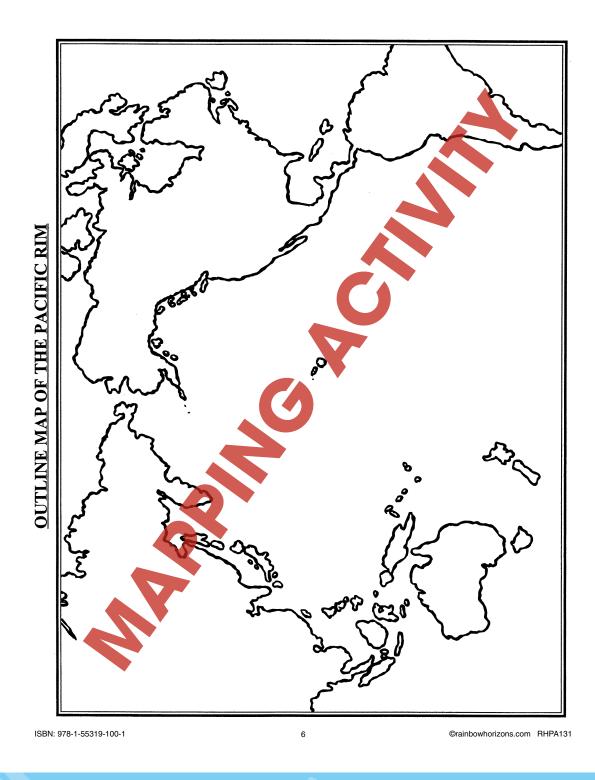
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1)	Novels	8)	Ethnic Recipes
2)	Internet Sites	9)	Pen Pal Program
3)	Current Events	10)	Latitude and Sunlight Exposure
4)	Bulletin Board Display	11)	Temperature Experiment
5)	Volcano Model	12)	Capital Cities Wordsearch
6)	Art Activities	13)	Pacific Rim Review Puzzle

PART III - COUNTRY REPORT AND MOSAIC

For this project, students choose a Pacific Rim country to research and then write a report on. The completed reports will be presented in "mosaic" form.

PART IV - JUST THE FACTS

This section contains general information pages on each Pacific Rim country. The pages can be photocopied into booklet form to use as a student handbook. The flags of each country can be coloured as an added activity.

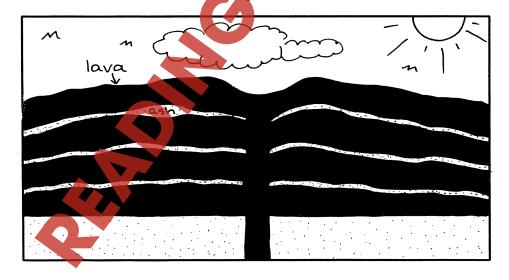


VOLCANOES

Deep within the Earth, it is so hot that some rocks slowly melt and become a thick flowing substance called *magma*. Because magma is lighter than the solid rock around it, magma rises and collects in *magma chambers*. Eventually, some of the magma pushes through holes or *vents* in the Earth's surface. This is when a volcanic eruption occurs. Magma that has reached the Earth's surface is called *lava*.

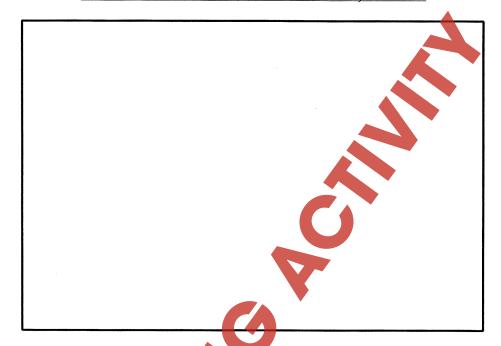
There are three types of volcanoes:

- 1. Shield volcanoes
- 2. Cinder cones
- 3. Composite volcanoes (also known as strato-volcanoes)
- 1. Shield volcanoes are tall and broad with flat, rounded shapes. This type of volcano can grow to be very big. They are built up by numerous outpourings of runny lava. The Hawaiian volcanoes are the best examples of Shield volcanoes.



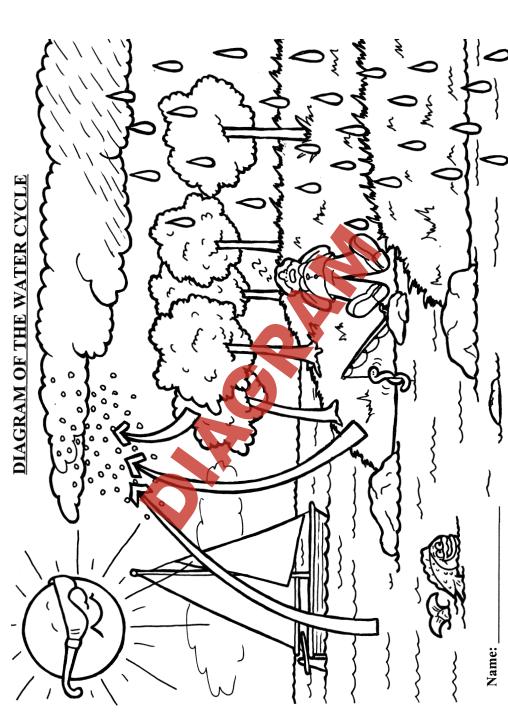
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CLIMATE GRAPH FOR BEIJING, CHINA



Once you have created your graph, use it to answer the following questions:

- 1. Which climatic region would you say that Beijing, China is part of?
- 2. What is the bottest month in Beijing?
- 3. How many months receive more than 200mm of precipitation?



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PACIFIC RIM

<u>I</u>	Answer the following questions in complete sentences:
	plain why the group of twenty-four countries is referred the Pacific Rim?
De	scribe a <i>shield</i> volcano. Give an example of a shield vol
WI	nat is the "Ring of Fire"?
Ex	plain how earthquakes occur.
Ex	plain the difference between weather and climate.

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RESEARCHING A COUNTRY

Name	Date
	Step One - SELECT A COUNTRY
Country _	
These	e are the things I already know about this country. (List in point form below.)
These ar	re the things I would like to learn about this country.
	(List questions below.)

PACIFIC RIM REVIEW PUZZLE



ACROSS:

- 1.
- The usual pattern of weather conditions in an area.
 The chain of volcances and earthquakes around the Pacific Rim.
 A region with very long, cold winters and short, mild summers.
 Magma that has reached the earth's surface.
 Rain, snow, sleet and hail are all forms of this.
 How many major climatic regions are there in the world?
- 9.
- 10.
- 12.
- 14.
- Melted rock is called this. 15.

DOWN:

- This occurs when plates rub against each other. This is called the "liquid of life". 2.
- 3.
- What is the name of the most explosive type of volcano?
- A climatic region with rain all year with the majority in the winter.
- 7. The group of countries that border the Pacific Ocean. 8. The distance from the equator.
- The condition of the air in a certain time at a certain place. 11.
- The Hawaiian volcanoes are the best example of this type.

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THE FIRST DRAFT

Now you are ready to write the first draft. First, decide in what order you want to put your sub-topics. Then use the information on
page four and begin writing about each sub-topic in the order you
selected. Write using complete sentences and be sure to organize all
the ideas in your own words.
the lucas in your own words.

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PACIFIC RIM WORDSEARCH

Name:	

Find the names of the 24 Pacific Rim countries in the wordsearch below. The names are listed vertically, horizontally or diagonally - but not backwards. Good luck!

U	N	I	T	E	D	S	T	A	T	E	S	P	В	C	
L	0	G	υ	A	T	E	M	A	L	A	S	H	H	С	
I	s	M	E	X	I	С	0	s	T	A	R	I	C	A	
N	E	W	Z	E	A	L	A	N	D	P	L	L	V	D	
D	С	A	U	В	s	L	U	Z	L	E	S	I	I	N	
0	υ	H	J	G	V	U	s	E	H	R	N	P	E	I	
N	A	G	I	A	T	I	T	V	N	U	P	P	T	С	
E	D	T	D	N	H	A	R	G	E	N	T	I	N	A	
s	0	0	M	M	A	L	A	Y	s	I	A	N	A	R	
I	R	U	S	S	I	A	L	I	P	J	I	E	M	A	
A	L	N	E	W	G	U	I	N	E	A	J	S	A	G	
С	0	L	0	M	В	I	A	S	E	P	N	P	G	U	
K	J	С	K	N	M	В	L	M	С	A	N	A	D	A	

ARGENTINA AUSTRALIA CANADA CHILE CHINA COLOMBIA

COSTA RICA EL SALVADOR MALAYSIA **ECUADOR GUATEMALA INDONESIA JAPAN**

KOREA MEXICO NEW GUINEA NICARAGUA

I

K

0

I

PANAMA PERU PHILIPPINES RUSSIA NEW ZEALAND UNITED STATES **VIETNAM**

REA

N #1 - THE PACIFIC RIM - FROM COAST TO COAST

Dbjectives and Activities

is lesson is designed to introduce students to the unit. It will explain what the Pacific Rim is d where it is located.

udents will colour and label a map of the Pacific Rim.

udents will complete a puzzle, "Pacific Rim Wordsearch". In this puzzle, students will find d circle the names of the 24 countries in the Pacific Rim.

d Teaching Strategies

gin this unit by displaying a map of the world and a globe. Atlases may also be used if they e available. Familiarize students with the map by asking them to locate different places on e map/globe. Examples - Antarctic, equator, North America, Indian Ocean. Have students cate the Pacific Ocean. Ask students if they know (or can guess) what the Pacific Rim refers Lead students to conclude that the term "Pacific Rim" refers to the group of countries that rder on the Pacific Ocean.

; a class, read through the student notes. These notes can be used on an overhead, as a ndout, or the students can copy them from the chalkboard.

sing the map outline of the Pacific Rim, have students colour and label the 24 countries that ake up the Pacific Rim.

ents complete the wordsearch.

Wordsearch Answer Key

