

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:

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|--|---------------------------|
| 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:

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|---------------------------|------------------------------------|
| 1) Novels | 7) Mexican Hat Dance |
| 2) Internet Sites | 8) Ethnic Recipes |
| 3) Current Events | 9) Pen Pal Program |
| 4) Bulletin Board Display | 10) Latitude and Sunlight Exposure |
| 5) Volcano Model | 11) Temperature Experiment |
| 6) Art Activities | 12) Capital Cities Wordsearch |
| | 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.



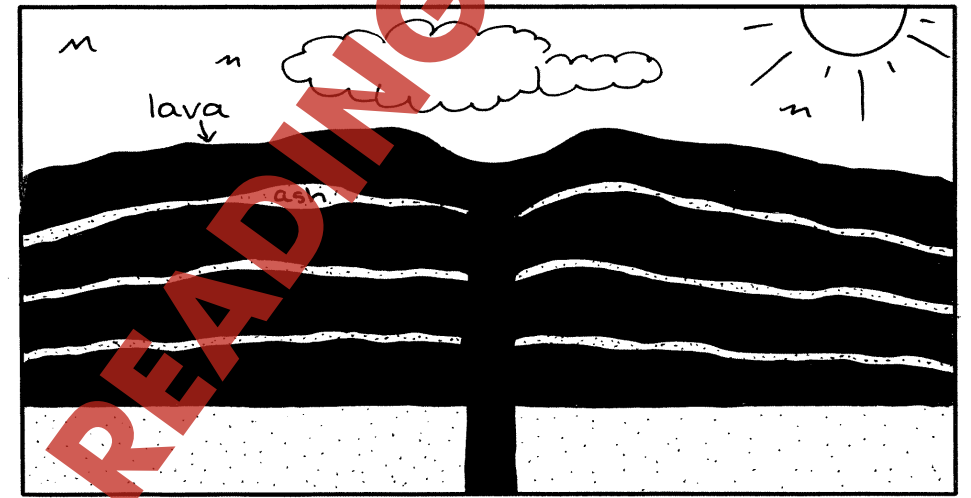
VOLCANOES

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.



CLIMATE GRAPH FOR BEIJING, CHINA



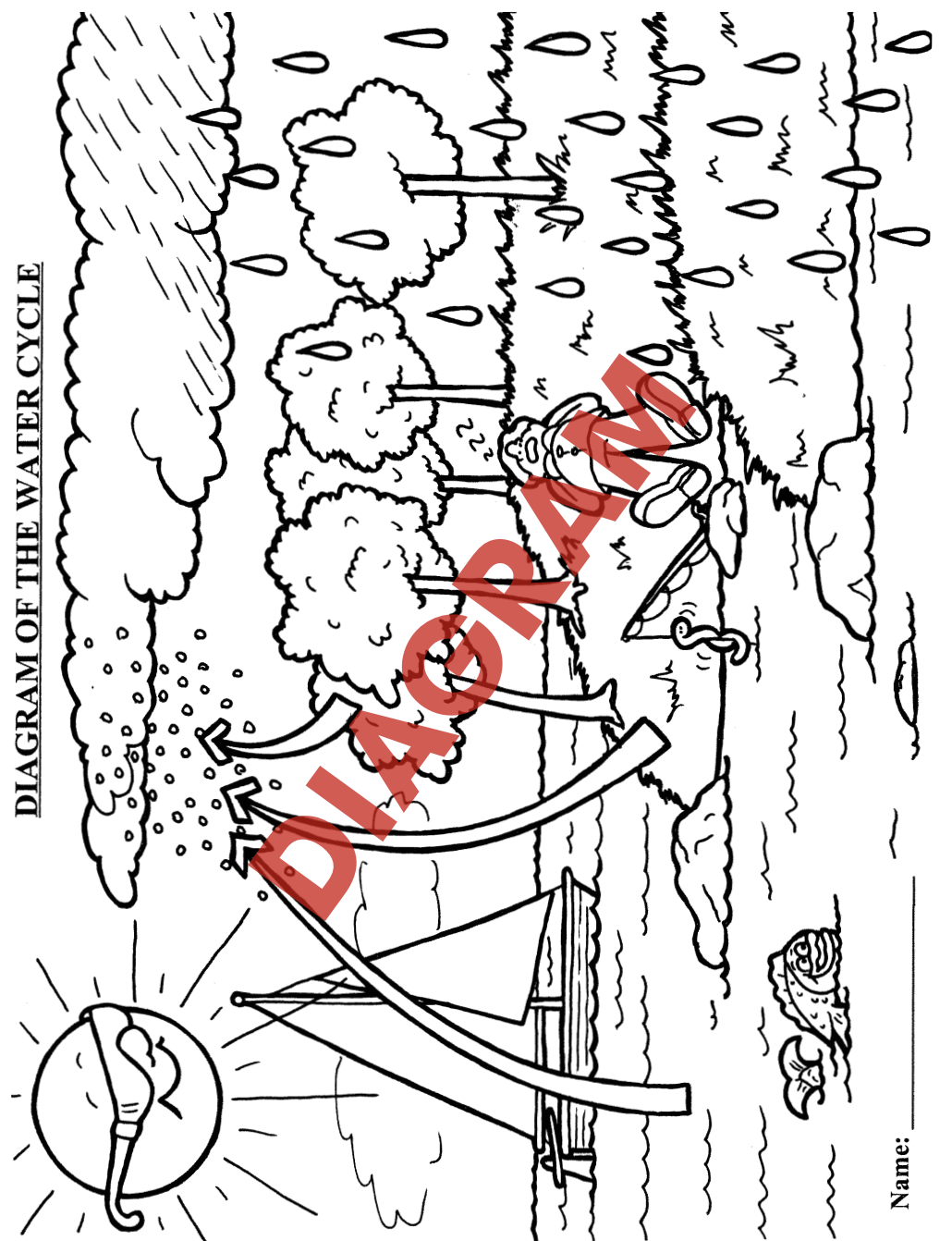
Once you have created your graph, use it to answer the following questions:

1. Which climatic region would you say that Beijing, China is part of?

2. What is the hottest month in Beijing?

3. How many months receive more than 200mm of precipitation?

DIAGRAM OF THE WATER CYCLE



Name: _____

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	B	C
L	O	G	U	A	T	E	M	A	L	A	S	H	H	C
I	S	M	E	X	I	C	O	S	T	A	R	I	C	A
N	E	W	Z	E	A	L	A	N	D	P	L	L	V	D
D	C	A	U	B	S	L	U	Z	L	E	S	I	I	N
O	U	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	C
E	D	T	D	N	H	A	R	G	E	N	T	I	N	A
S	O	O	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
C	O	L	O	M	B	I	A	S	E	P	N	P	G	U
K	J	C	K	N	M	B	L	M	C	A	N	A	D	A
S	Q	X	N	Q	F	A	B	L	Q	N	N	I	M	T
Y	A	H	U	Q	A	F	Y	I	I	K	O	R	E	A

- | | | | |
|-----------|-------------|-------------|---------------|
| ARGENTINA | COSTA RICA | KOREA | PANAMA |
| AUSTRALIA | EL SALVADOR | MALAYSIA | PERU |
| CANADA | ECUADOR | MEXICO | PHILIPPINES |
| CHILE | GUATEMALA | NEW GUINEA | RUSSIA |
| CHINA | INDONESIA | NEW ZEALAND | UNITED STATES |
| COLOMBIA | JAPAN | NICARAGUA | VIETNAM |

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

Objectives and Activities

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

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

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

Additional Teaching Strategies

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

Lead students to conclude that the term "Pacific Rim" refers to the group of countries that border on the Pacific Ocean.

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

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

Students complete the wordsearch.

Wordsearch Answer Key

U	N	I	T	E	D	S	T	A	T	E	S	P	B	C
L	O	G	U	A	T	E	M	A	L	A	S	H	H	C
I	S	M	E	X	I	C	O	S	T	A	R	I	C	A
N	E	W	Z	E	A	L	A	N	D	P	L	L	V	D
D	C	A	U	B	S	L	U	Z	L	E	S	I	I	N
O	U	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	C
E	D	T	D	N	H	A	R	G	E	N	T	I	N	A
S	O	O	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
C	O	L	O	M	B	I	A	S	E	P	N	P	G	U
K	J	C	K	N	M	B	L	M	C	A	N	A	D	A
S	Q	X	N	Q	F	A	B	L	Q	N	N	I	M	T
Y	A	H	U	Q	A	F	Y	I	I	K	O	R	E	A