

# Earth's Crust Vocabulary

**Overview:**

Learning vocabulary is an essential step in understanding a concept. This lesson will review vocabulary associated with Unit 4: "Earth's Crust."

**Objectives:**

The student will be able to match the following terms to their definitions: subducted, magma, lava, volcano, hotspot, ocean floor spreading, mid ocean ridges, and trenches.

**Materials:**

- *Ola Ka Honua: Volcanoes Alive* interactive DVD
- Student Worksheet: "Word Search"

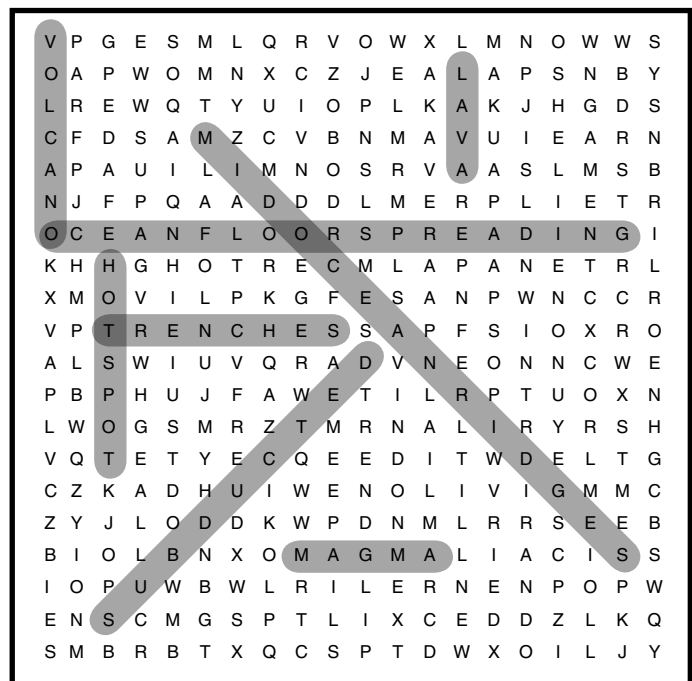


**Activity Procedure:**

Distribute the Student Worksheet: "Word Search" and ask students to complete it by finding the words in the puzzle, then writing each word next to its definition. Allow students to review the DVD to find the terms and their definitions.

**Answers to Student Worksheet:**

1. subducted
2. magma
3. lava
4. volcano
5. hotspot
6. ocean floor spreading
7. mid ocean ridges
8. trenches



## Word Search

**Directions:** Find the words in the puzzle below, then write each word in the correct blank to complete its definition.

hotspot

lava

magma

mid ocean ridges

ocean floor spreading

subducted

trenches

volcano

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

1. When one plate is pushed under another plate, it is \_\_\_\_\_.
2. Hot molten rock that forms deep inside Earth’s mantle is called \_\_\_\_\_.
3. Magma becomes \_\_\_\_\_ when it reaches Earth’s surface.
4. A vent in Earth’s crust through which lava, gas and ash are forced out is called a \_\_\_\_\_.
5. A narrow plume of magma that rises from Earth’s mantle to the surface is called a \_\_\_\_\_.
6. Harry Hammond Hess developed the \_\_\_\_\_ theory that explains how the ocean floor is created.
7. \_\_\_\_\_ form at divergent plate boundaries beneath the ocean.
8. \_\_\_\_\_ form at convergent plate boundaries, where old ocean floor is pushed under another plate and down into the mantle.