

SANGAM SKM COLLEGE-NADI
GEOGRAPHY YEAR 13 –REVISIONAL WORKSHEET 3- Week 4
TOPIC: PLATE TECTONICS: PROCESSES AND LANDFORMS

A. Word Search (Find the words given in the words list)

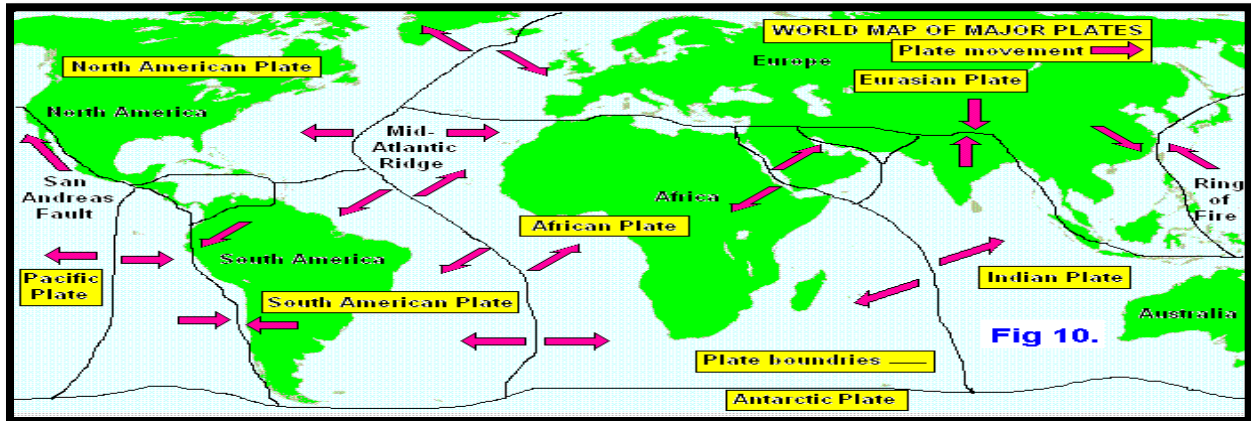
The Theory of Plate Tectonics

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

Land mass	Geologist	Transform-boundary	Convergent-boundary
Divergent-boundary	Basin	Plateau	Magnetic-Reversal
Reversed-polarity	Normal-polarity	Seafloor-spreading	Mid-ocean-ridge
Continental-drift	Plate-tectonics	Convection	Ridge-push
Slab-pull	Subduction	Lithosphere	Pangea

B. Resource Interpretation

Use the resource given below and your knowledge to answer the questions that follow.



https://www.google.com/search?q=plate+movement&rlz=1C1GCEU_enFJ831FJ831&oq=plate+movement&aqs=chrome..69i57j0l5.12943j0j7&sourceid=chrome&ie=UTF-8

- i.) Identify two plates at constructive plate boundary.

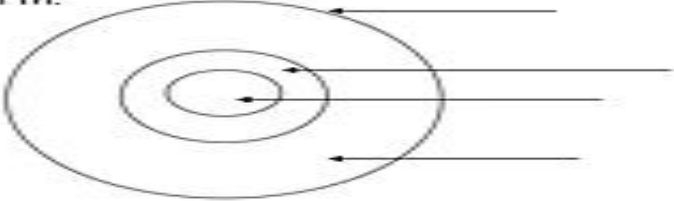
- ii.) What kind of boundary is the San Andreas Fault?

- iii.) Differentiate between a destructive margin and a collision zone?

PLATE TECTONICS QUIZ


1. What is the name of the zone where one plate is forced underneath other?

2. Label the diagram showing the internal structure of the earth.




MANTLE CRUST OUTER CORE INNER CORE

3. What type of plate boundary is this?



4. What type of plate boundary is this?



5. True or false?

- The earth is made up of 2 layers. T / F
- Earthquakes can occur at all types of boundary. T / F

Short Answer Questions

- a. State a difference between the Basaltic lava and Andesitic lava.

- b. Define the term **caldera**? Explain how it is formed?

- c. Differentiate between physical and biological weathering.

- d. Describe the formation of a lava plug.

- e. Explain how composite cones are formed.
