SUBJECT: SCIENCE

Contents:

Unit 6. Sound and space

✓ 6.5. Tectonics (p.233-240)

Unit 7. Genes and inheritance

- ✓ 7.1. Chromosomes, genes and DNA (p.243-246)
- ✓ 7.2. Gametes and inheritance (p.247-252)
- ✓ 7.3. Variation (p.253-260)

Instructions: Students MUST complete the study guide before revision classes.

PART 1. SCIENTIFIC TERMS

NO.	TERMS	UNITS	DEFINITIONS	VIETNAMESE TRANSLATIONS
1	tectonic plate	6.5		
2	fluid mantle	6.5		
3	convection	6.5		
4	convection current	6.5		
5	jigsaw	6.5		
6	continental coast	6.5		
7	fossil	6.5		
8	fossil record	6.5		
9	alignment	6.5		
10	magnetic	6.5		
11	chromosome	7.1		

12	nuclei	7.1	
13	cell	7.1	
14	gene	7.1	
15	DNA	7.1	
16	gamete	7.2	
17	sperm cell	7.2	
18	egg cell	7.2	
19	nucleus	7.2	
20	fertilization	7.2	
21	zygote	7.2	
22	sex chromosome	7.2	
23	X chromosome	7.2	
24	Y chromosome	7.2	
25	variation	7.3	
26	genetic differences	7.3	

	swer the following questions at makes convection currents in the	
2. The continer evidence for tea	= = = = = = = = = = = = = = = = = = = =	ke a jigsaw. Explain how this provides
	w each of these provides evidence for sof the present-day continents	for tectonic plates:
b. the fossil	record	
c. the alignn	nent of magnetic materials in rocks	
1. How are the	chromosomes numbered according	to scientists?
a. human ceb. fruit fly cc. mango tre	ells	
7. Compare thr	ee main differences between sperm	cells and egg cells.
Type of	Sperm cells	Egg cells
Type of gamete		
Sex chromosome		
Size		
Movement		

n pods. He	picked 20 b	ean pods	randomly	and counted
			•	
results to c	omplete it.			
of beans in	a pod?		II.	
	•			
	n pods. He se are the re 7, 5, 5, 8, 6, results to c	n pods. He picked 20 bese are the results that h	n pods. He picked 20 bean pods is are the results that he wrote do 7, 5, 5, 8, 6, 4, 6, 7, 5, 5, 6, 5, 4, 8 results to complete it.	n pods. He picked 20 bean pods randomly ase are the results that he wrote down. 7, 5, 5, 8, 6, 4, 6, 7, 5, 5, 6, 5, 4, 8 results to complete it.