

SUBJECT: SCIENCE

Contents:

Unit 8. Chemical reactions

- ✓ 8.4. Reactions of metals with water (p.282-285)
- ✓ 8.5. Reactions of metals with dilute acids (p.286-290)

Unit 9. Magnetism

- ✓ 9.1. Magnetic fields (p.297-299)

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

PART 1. SCIENTIFIC TERMS

NO.	TERMS	UNITS	DEFINITIONS	VIETNAMESE TRANSLATIONS
1	reactivity	8.4		
2	sandpaper	8.4		
3	reactive	8.4		
4	react vigorously	8.4		
5	reagents	8.5		
6	salt	8.5		
7	dilute acid	8.5		
8	magnetism	9.1		
9	magnet	9.1		
10	magnetic	9.1		
11	magnetic field	9.1		

12	magnetic field lines	9.1		
13	compass	9.1		
14	repel	9.1		
15	attract	9.1		
16	interact	9.1		
17	like poles	9.1		
18	bar magnet	9.1		
19	horseshoe magnet	9.1		

PART 2. EXERCISES

Exercise 1. Complete the following chemical reactions by writing the appropriate reactants or products.

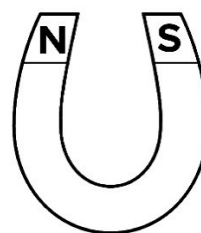
- sodium + water \rightarrow _____ + _____
- _____ + water \rightarrow potassium hydroxide + _____
- calcium + water \rightarrow _____ + hydrogen
- magnesium + water (g) \rightarrow _____ + _____
- _____ + hydrochloric acid \rightarrow magnesium chloride + hydrogen
- zinc + hydrochloric acid \rightarrow _____ + _____
- sodium + _____ \rightarrow sodium sulphate + hydrogen
- potassium + sulfuric acid \rightarrow _____ + _____

Exercise 2. Draw magnetic field lines.

9.



10.



11.



12.

