

NAME _____

GROUP _____

CHAPTER 22
SYLLABUS

STANDARD:

H. ENERGY – STUDENTS WILL UNDERSTAND THE CONCEPTS OF ENERGY

INDICATOR:

3. COMPARE AND CONTRAST THE WAYS ENERGY TRAVELS.

OBJECTIVES:

1. WHAT IS LIGHT?
2. NAME THE THREE WAVES FOUND IN THE ELECTROMAGNETIC SPECTRUM.
3. STATE THE LAW OF REFLECTION.
4. COMPARE TRANSPARENT, TRANSLUCENT AND OPAQUE TYPES OF MATTER.
5. NAME THE THREE PRIMARY COLORS.
6. HOW ARE SECONDARY COLORS FORMED?
7. NAME THE THREE SECONDARY COLORS.
8. WHAT IS WHITE LIGHT?
9. WHAT COLOR IS ALL THE COLORS ABSORBED?
10. WHAT IS THE SPEED OF LIGHT?

VOCABULARY I:

RADIATION ELECTROMAGNETIC WAVES REFRACTION
ELECTROMAGNETIC SPECTRUM REFLECTION DIFFRACTION
LAW OF REFLECTION

VOCABULARY LIST II:

ABSORPTION INTERFERENCE SCATTERING OPAQUE
TRANSMISSION PIGMENT TRANSPARENT TRANSLUCENT

LAB: CPU

TEACHER DEMONSTRATION (S)

CLASSWORK:

REVIEW SHEETS
DIRECTED READING
SCIENCE SKILLS
MINIQUIZZES

HOMEWORK:

VOCABULARY LISTS
REINFORCEMENTS
PRACTICE SHEETS
CHAPTER REVIEW P.588 - EX 1-14

SUPPLEMENTAL PORTFOLIO:

PROBLEM SOLVING	MATH IN SCIENCE	VIDEOS
ENRICHMENT	NEWSPAPER ARTICLES	PUZZLERS
CHALLENGE	REPORTS	ET AL