

Table of Contents

INTRODUCTION	V
RESEARCH AND STANDARDS	VII
WORKSHEETS	1
DEMONSTRATIONS	
Chapter 1 – Section 1, Finding Volume	76
Chapter 2 – Section 4, Physical & Chemical Changes	77
Chapter 3 – Section 3, Newton’s Third Law of Motion	78
Chapter 4 – Section 2, Potential & Kinetic Energy	79
Chapter 5 – Section 1, Conductors & Insulators	80
Chapter 6 – Section 3, Frequency & Pitch	81
Chapter 7 – Section 2, Absorption & Scattering	82
Chapter 8 – Section 1, Static Electricity	83
Chapter 9 – Section 1, Magnetic Fields	84
LAB ACTIVITIES	
Chapter 1 – Section 3, A Multitude of Colors	85
Chapter 2 – Section 1, Layering Liquids	88
Chapter 3 – Section 3, Inertia in Action	92
Chapter 4 – Section 2, Domino Contest	95
Chapter 5 – Section 2, Convection Spinner	98
Chapter 6 – Section 3, Varying Vibrations	102
Chapter 7 – Section 2, Reflection	106
Chapter 8 – Section 3, Building a Circuit	110
Chapter 9 – Section 1, Is it Magnetic?	115
CHAPTER REVIEWS	118
CHAPTER TESTS	145
ANSWER KEY	163