

# CONTENTS

Introduction 1

## HYDROGEN



- 1 Exploding Hydrogen 5
- Bubbles 5

## HELIUM



- 2 Hexed Helium Balloon 9

## LITHIUM



- 3 Horrible Hot Dog 12

## BORON



- 4 Green Tornado Fire 15
- 5 Rubber Blubber Slime 19

## CARBON



- 6 Bizarre Gummy Bears 22
- 7 Flaming Black Snakes 24
- 8 Psychedelic Paper 28

## NITROGEN



- 9 Hilarious Hot-Air Balloon 32
- 10 Smoky Cold Pack 37
- 11 Homemade Ping-Pong Ball Smoke Bomb 40

## OXYGEN



- 12 Freaky Soap Soufflé 43
- 13 Daffy Dry Ice Monster Bubble 45
- 14 Cornstarch-Powered Flamethrower 49
- 15 Loony Lava Lamp 51

## FLUORINE



- 16 Eggciting Eggsperiment 53

## NEON



- 17 Surprising Static Bulb 56

## SODIUM



- 18 Electric Pickle 60
- 19 Hot Ice Insanity 66
- 20 Perplexing Crystals 70
- 21 Baffling Money Burn 74

## MAGNESIUM



- 22 Mystifying Milk of Magnesia 77
- 23 Crazy Colored Crystals 81



## ALUMINUM



- 24** Incredible Shrinking  
Potato Chip Bag 84
- 25** Kooky Can Crusher 87

## SILICON



- 26** Magical Mystery Sand 89

## PHOSPHOROUS



- 27** Radical Rust Remover 93
- 28** Black Light Jell-O 95

## SULFUR



- 29** Ghastly Green Eggs 98

## CHLORINE



- 30** Wacky Woolly Wool 101

## POTASSIUM



- 31** Daring Diet Coke and  
Mentos Rocket 104
- 32** Preposterous Purple  
Blaze 108

## CALCIUM



- 33** Silly Naked Eggs 111
- 34** Weird Walk on Eggs 114

## TITANIUM



- 35** Mysterious Memory  
Metal 118
- 36** Cool Colors 121

## CHROMIUM



- 37** Sizzling Sphere  
Smashup 125

## MANGANESE



- 38** Groovy Genie in  
a Bottle 128

## IRON



- 39** Bewildering Burning  
Steel 132

## NICKEL



- 40** Gonzo Pickle  
Batteries 135

## COPPER



- 41** Ketchup and Copper 139

## ZINC



- 42** Shocking Silver  
Pennies 142



## SILVER

**43** Strange Silverware 146



## TIN

**44** Bonkers Bonko Cans 149



## IODINE

**45** Wicked Purple Plastic Eater 152



## NEODYMIUM

**46** Magnetic Cheerios 155



## TUNGSTEN

**47** Mad Microwaved Lightbulb 159



## MERCURY

**48** Totally Tricky Thermometer 162



## LEAD

**49** Ludicrous Lead-Pencil Lightbulb 165



## BISMUTH

**50** Crazy Crystals 168



*Acknowledgments* 175

*Sources* 177

*About the Author* 181