

ELEMENTS OF PHYSICS.

CHAPTER I.

MATTER AND ITS PROPERTIES.

INTRODUCTION.

Means by which we obtain a knowledge of Nature. —
We are provided with means of gaining a knowledge of the things

NOTES AND CORRECTIONS.

Page 9, 13 lines from bottom.—Insert "permanent" between "in" and "contact."

Page 23.—Insert foot-note, "Many (in fact, most) solids undergo chemical decomposition before becoming vapors."

Page 99, 18 lines from top.—For "CAN" read "CAH."

Page 102, 6 lines from top.—For "159°" read "150°."

Page 104, 16 lines from top.—Insert "equal" before "forces."

Page 139.—Insert foot-note, " MV^2 is sometimes made use of and is called the *vis viva* of a body whose mass is M and velocity V ."

Page 178, 17 lines from bottom.—For "161" read "182."

Page 180, 19 lines from top.—After "contents" insert "Also test from time to time the temperature of the water in the basin."

Page 181, first line.—Insert "3" in the blank space in the fraction.

Page 198, 7 lines from top.—For "always" read "during the greater part of the stroke."

Page 199, 2 lines from bottom.—For "heat-power used" read "energy due to the heat generated in the furnace."

Page 220, at foot of page.—Insert "Devise a series of experiments to prove the truth of the foregoing statement."

Page 260, first line.—For "Frictional Electricity" read "Electrification by Friction."