

**LESSONS IN ELEMENTARY
MECHANICS. FIRST STAGE**

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Lessons in Elementary Mechanics. First Stage by W. H. Grieve

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W. H. GRIEVE

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MECHANICS. FIRST STAGE**

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LESSONS
IN
ELEMENTARY MECHANICS

FIRST STAGE

BY

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PREFACE.

DURING the past five years the attention of the public has been forcibly directed to the great advantages which will accrue to us as a nation from some well-defined system of Technical Education.

The author, feeling persuaded that, for such a course to be thoroughly successful, the rudiments of science must be mastered in our Elementary Schools, has issued in three separate text-books the three stages of Mechanics or Elementary Natural Philosophy.

A very large proportion of the illustrations have been engraved expressly for this book, the remainder being borrowed from the following works, viz. : Ganot's 'Natural Philosophy,' Ganot's 'Physics,' Goodeve's 'Mechanism,' Furneaux's 'Chemistry,' Tate's 'Mechanism,' Thornton's 'Physiography,' Wright's 'Sound, Light, and Heat.'

W. H. G.

EAST DULWICH : *September*, 1888.

MECHANICS.

First Stage.

Matter in three states : solids, liquids, gases.
Mechanical properties peculiar to each state.
Matter is porous, compressible, elastic.
Measurement as practised by mechanics.
Measures of length, time, velocity, and space.

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