

WONDERS OF THE MATERIAL UNIVERSE AS ILLUSTRATIVE OF THE BEING AND ATTRIBUTES OF THE CREATOR.

This Course of Lectures is rendered clear and intelligible by a series of Scientific Experiments and Drawings.

Monday Oct. 19th

Introduction. Scientific Truths in harmony with Holy Writ. Discoveries since the publication of Dr. Paley's work confirmatory of this view. Proofs drawn from the Structure of the Universe, as well as that of the Globe we inhabit. Truthfulness of Geological deductions, as illustrative of Creative Benevolence. Striking Exhibitions of Design, drawn from various periods in the History of the World. God's Providence displayed in the adaptation of Structural Arrangement in the Animal and Vegetable Kingdom. Egregious mistakes made by Lord Monboddo, and the Author of "Vestiges." The latest discoveries in Physical Science opposed to the doctrines of Materialism. Illustrations of these important truths drawn from the *Atmosphere* that bathes and surrounds our globe. The *Waters* that beautify and irrigate its surface, and the *Mineral Treasures* so abundantly provided for the use of man. Conclusion.

THE PHILOSOPHY OF THE EARTH.

Wednesday Oct. 21st

Irregularity of the Earth's Surface produced by the combined agencies of Fire and Water. Volcanoes. Character of the Earth's Surface at different altitudes. Improvements arising from a knowledge of Physical Geography. Great advantage derived by the Geologist and Miner from a correct knowledge of Stratification. Vast importance of the Mineral treasures that abound in Great-Britain. Best modes of working Mines in this Country, as compared with the Continent of Europe. Conclusion.

WONDERS OF THE EYE AND EAR.

Friday Oct. 23rd

Introduction. Nature of Light. Refraction and Reflection. Prismatic Spectrum. Cause of the Rainbow—under what circumstances it may be seen to most advantage. Optical Illusions. Fata Morgana. Mirage. Structure of the Eye, and Wonders of Vision. Improved Instruments for remedying defective Vision. Construction of Optical Instruments.

Wonders of the Mechanism of Audition. Best means of remedying defective Hearing. Immense distance to which sounds may be conveyed. Acoustics applied to Medicine. Stethoscope. Invisible Girl. Conclusion.

THE STEAM ENGINE, AND ITS APPLICATION.

Monday Oct. 26th

Introduction. Wonders of the Steam-Engine. Nature and operation of Elastic Vapour. Model of the Engine 2,000 years ago. Most important improvements by James-Watt and others. Consumption of Smoke and Economy in Fuel. Safety-Valve and Governor. Wonders of Steam Locomotion. Increase of speed in Carriages and Boats. Best means of Protecting Passengers from Explosions and other accidents.

The following Testimonials have been received by Professor Partington:—

LONDON LITERARY SOCIETY.

Resolved.—"That the Thanks of the Managers and Members of this Society be presented to Mr. PARTINGTON, for his admirable Lecture on the *Structure and uses of the Steam Engine.*"—JOHN WILKS, Secretary.

EXPOSITION OF ARTS, DEVONPORT INSTITUTE.

Resolved.—"That the Council avail themselves of the opportunity of a parting farewell to Professor PARTINGTON to express the high gratification which they have derived from the Course of Lectures, which that Gentleman has delivered before this Institution."—RICHARD C. SMITH, Hon Sec.

POLYTECHNIC INSTITUTE, NORWICH.

"The Committee of Management of the Norwich Polytechnic Exhibition have much pleasure in stating that entire satisfaction has arisen from their engagement with Professor PARTINGTON. The general interest and approbation which the public have manifested throughout the delivery of the Series of Lectures, which have been completed this day, fully justify the Committee in expressing their conviction that the style of illustration and arrangement of subjects adopted by Mr. PARTINGTON, are exceedingly well calculated to carry out the intention of the undertaking."—JOHN BARWELL, Chairman.

"I feel desirous of expressing to you, on the occasion of your departure from this city, the high gratification I have experienced in the privilege of hearing the Course of Lectures which you have completed this day. I never met with illustrations or witnessed experiments so well calculated by their simplicity and clearness to inform the mind of a general auditory."—A. BATH POWER, M.A., Clerical Principal of the Norwich Training Institution.

LONDON MECHANICS' INSTITUTION.

"I have the pleasure to inform you, that at a General Meeting of the Members, held on the 6th inst., the thanks of the Meeting were unanimously voted to you, for your admirable Lecture on the *Application of Mechanical Science to the Useful Arts.*"—A. McFARLANE, Sec.

SEDGELEY PARK COLLEGIATE SCHOOL.

"I was much pleased with the four Lectures you delivered last week. All the Professors were equally gratified, and both Lectures and Illustrations afforded instruction as well as entertainment. I have great pleasure in giving you this testimonial of our approbation."—G. ROLFE, President, Feb. 27th, 1857.