## WILLIAM MATHER, THE YOUNG MAN'S COMPANION

London 1685

## Young Man's COMPANION, Or, a very useful Manual for YOUTH CONTAINING Plain and full Directions for Spelling, and Reading

Plain and full Directions for Spelling, and Reading English and Latine, and the Englishing the Latin Bible without a teacher; with easie Rules for Writing and Arithmetick. Likewise the Plotting and Measuring of Land, Globes, Steeples, Walls, Barrels, Timber, Stone, Boards, Glass, &c.

Of Surveying, Aftronomy, Dialing, and Glazing; also some secrets in Navigation, Geography, and Colouring of Globes; with a Map of England; and a Brief History of the Kingdom therof; Remarques on the late Great Frost, and other Prodigious Accidents. All foreign Coin reduced to English Money, with the Commodities of several Countries: Of the Weather, Astrology, Palmistry and Geometry: Receipts in Physick and Chyrurgery, of Husbandry and Ordering of Bees: Of Weights, Numbers, Purchase of Annuities, Leases, &c.

An Account of Time, Days and Months, under their various denominations: Hard Words in Law and Chyrurgery explained.

With all the Fairs, Highways and Roads in England, and, many more useful things; together with an Alphabetical Table for the ready finding any Matter herein contained.

The Second Edition, with very large Additions.

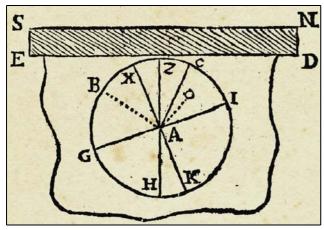
By William Mather.

LONDON, Printed for Thomas Horskins, in George-Yard in Lombard fireet. 1685.

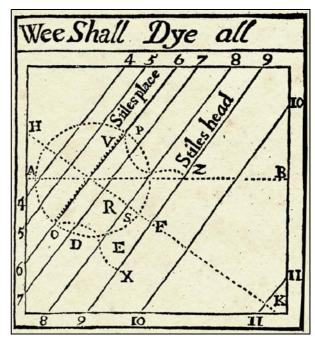
"THE Young Man's COMPANION, Or, a very useful Manual for YOUTH" is a book containing much information on a wide range of subjects. The Dialling section is relatively small. It contains the following:

Of Dyalling.

How to find the Declination of a Plane, or Wall, for Dials.



Finding the Declination of a Wall



To Make a Direct East or West Dial How to make a Direct East or West Dial.

And to Direct East or West Dials.

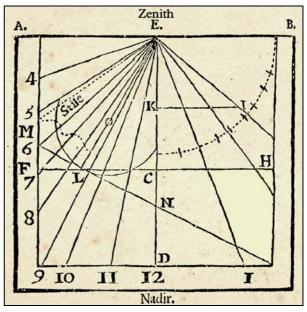
How to make a Horizontal, or plain-lying Post-Dial.

To make a South erect Direct Dial.

How to make the South Erect declining Dial in the Latitude 50 deg. Declination of the Plain 50 Degrees.

Colouring in Oyl to preserve the Dial-Boards.

How to make a Dial upon a Cieling.



South Erect Declining Dial

Number of Pages: 490, with 14 pages on Dialling.
Illustrations: 9

Page Size:  $5^{1}/8$ " ×  $3^{1}/8$