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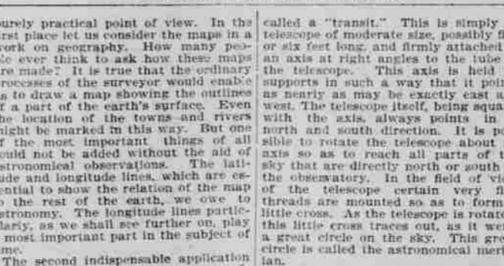
They find, invent or construct by laborious processes, is immediately put forth to see how the public receives it and whether or not their change of financial sentiment is satisfactory.

THE HERALD'S... Home Study Circle. (Copyright, 1899, by Seymour Eaton.) Directed by Prof. Seymour Eaton.

POPULAR LECTURES IN PHYSICAL SCIENCE. VIII. TIME STANDARDS OF THE WORLD. BY HAROLD JACOBY, PH. D.

The question is often asked, "What is the practical use of astronomy?" We know, of course, that it would be of the greatest value for man to study that science, even if it could not be turned to any immediate bread-and-butter use.

And yet of all the difficult and abstract sciences astronomy is perhaps the one that comes into the ordinary practical daily life of the people more definitely and frequently than any other.



purely practical point of view. In the first place let us consider the maps in a work on geography. How many people ever think to ask themselves these questions: Is it true that the ordinary processes of the surveyor would enable us to draw a map showing the outlines of a part of the earth's surface?

Now we are in possession of certain tables, computed from the combined observations of the astronomers of the last 150 years. These tables tell us the exact moment of time when any star on the meridian. To discover, therefore, when his clock will be called to give him a star, it is merely necessary to watch a star with the telescope and note the exact instant of the clock when the star crosses the cross in the field of view.

But the third application of astronomy is of still greater importance in our daily life. It is in this use of astronomy that we would direct particular attention in the present article. Few of us are familiar with the complicated machinery that must be put in motion in order to set a clock. A man forgets whether in 1900 or 1904, that the discussion be left open, the interest be permitted to lag and that those who sink or sink out be branded for the traitors that they are.

His eminence, the Kaiser, may not find much trouble in meeting the cabinet crisis, which seems unavoidable in Germany, but when the discussions and arduous agitation leading up to it are considered, one is bound to confess that the trouble seems too deep seated to be cured by a change of ministry.

It appears from the revelations at Rennes that Dreyfus used to be one of the boys. That must have rendered his exile on Devil's Isle the more painful.

Benovolent assimilation with the floors is what John Bull is planning these days.

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Summons. IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT OF THE STATE OF UTAH, county of Salt Lake, W. C. Staines, plaintiff, vs. the American Annuity company, a corporation, defendant.