The Path to Newton



Alyssa Goodman,
Jais Brohinsky,
Drew Lichtenstein
& Katie Peek
on behalf of Harvard University



tinyurl.com/aas-path-to-newton



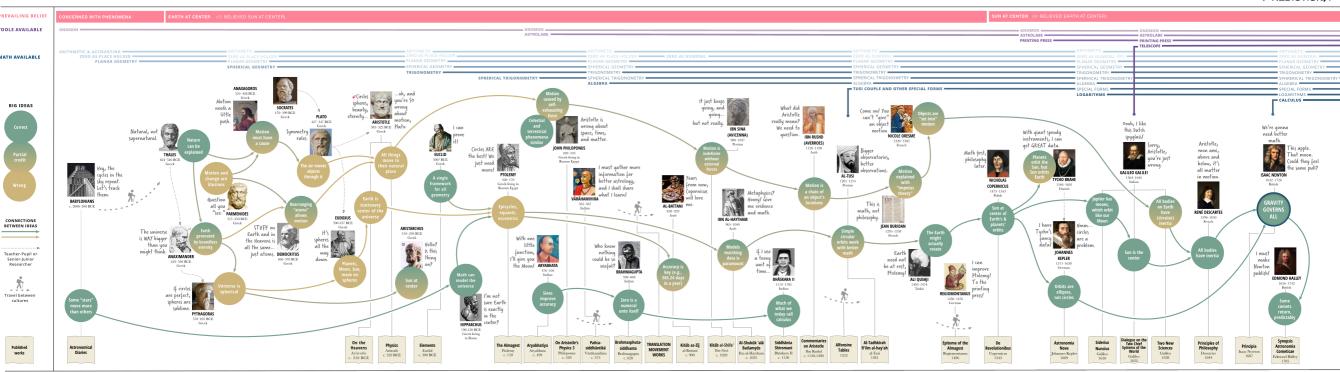
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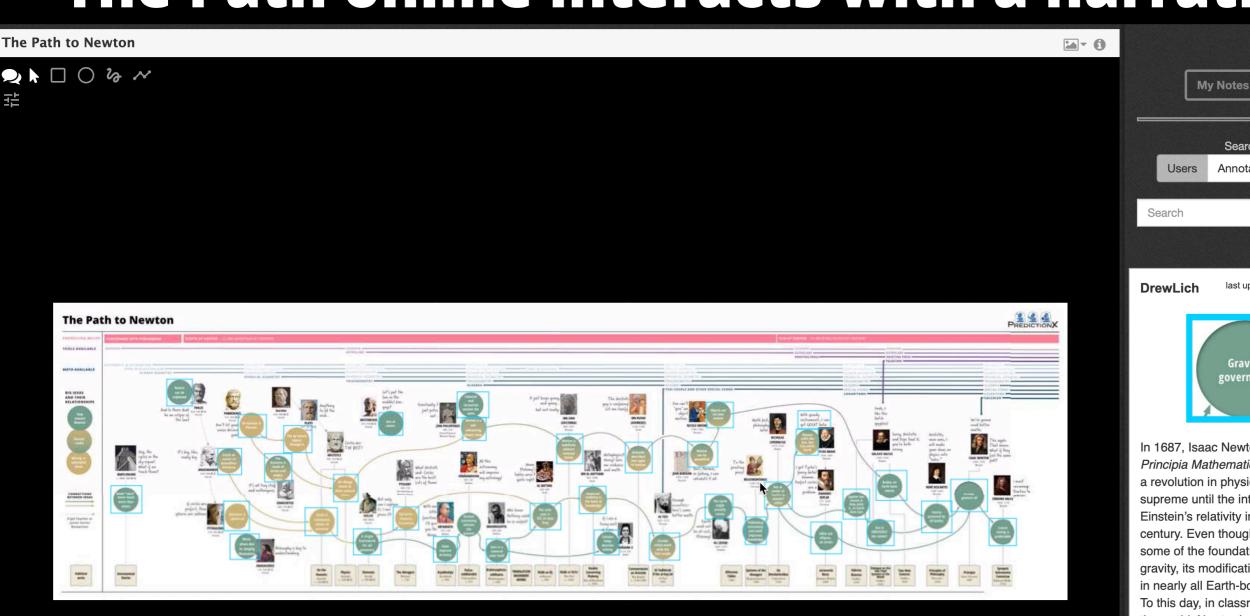


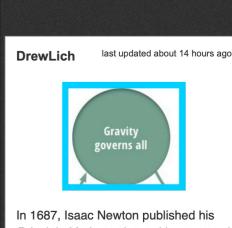
The Path to Newton





The Path online interacts with a narrative





Public

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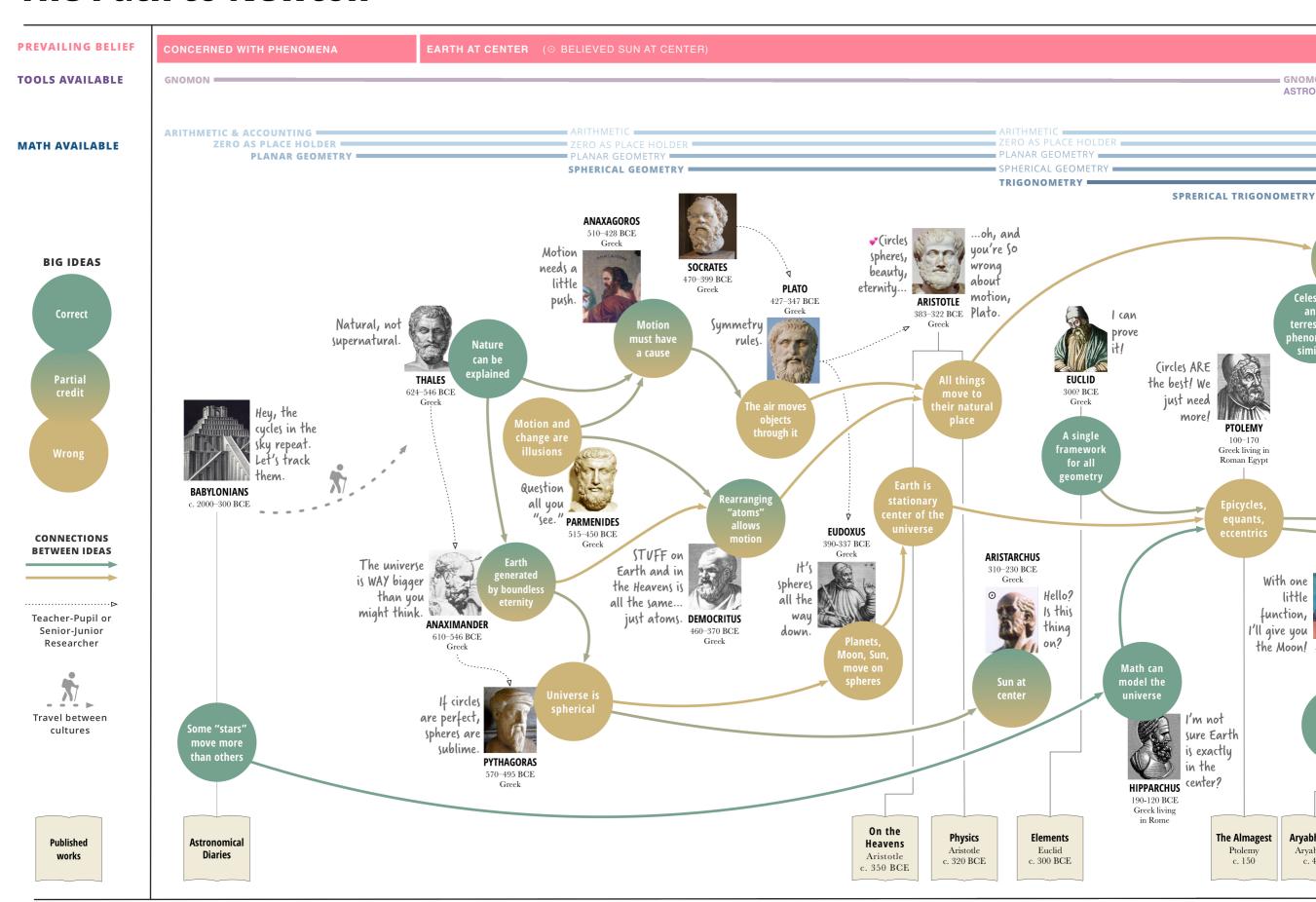
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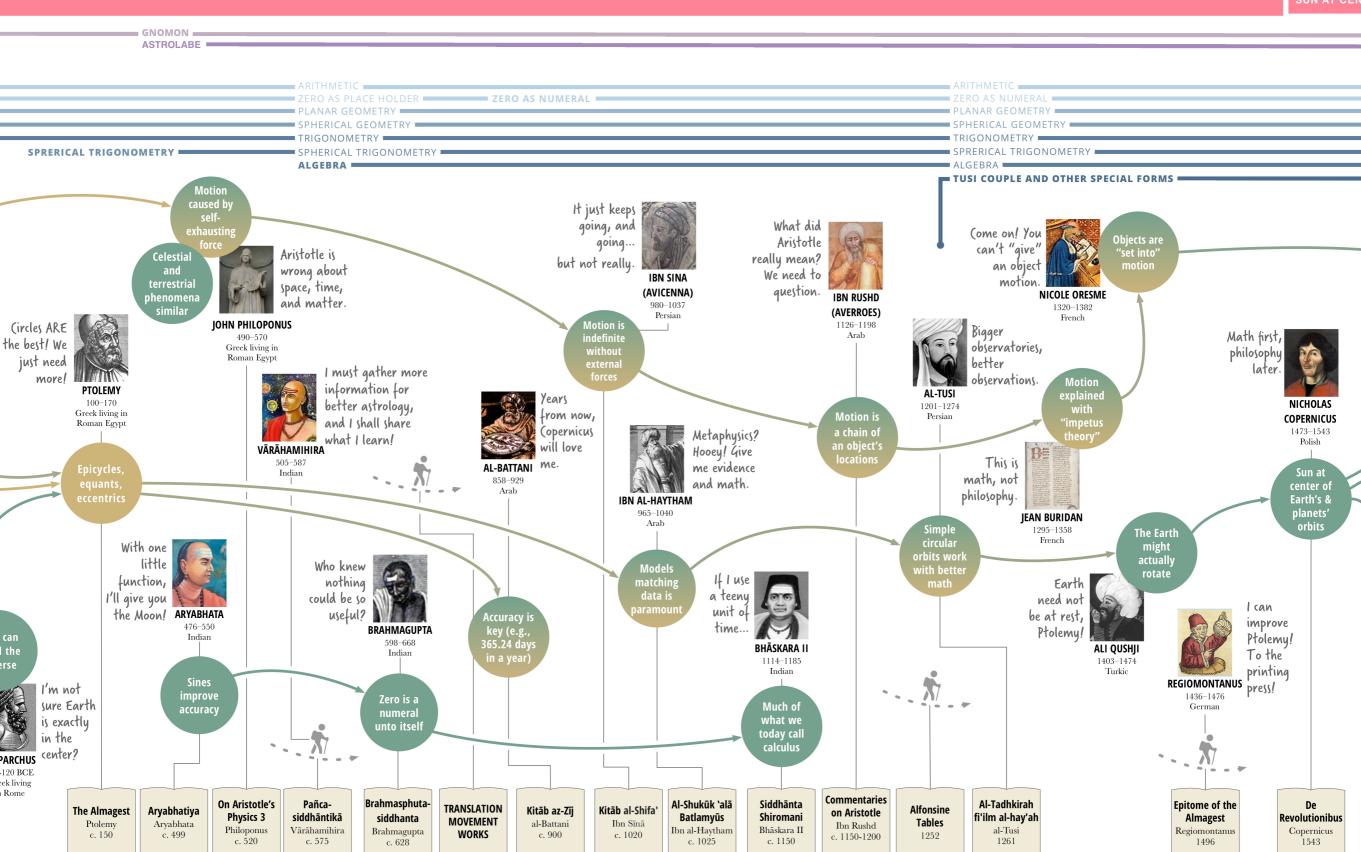
Principia Mathematica and inaugurated a revolution in physics that would reign supreme until the introduction of Einstein's relativity in the early 20th century. Even though relativity shakes some of the foundations of Newtonian gravity, its modifications are negligible in nearly all Earth-bounded situations. To this day, in classrooms all around the world, Newton's principles and physics continue to be taught and undergird fundamental assumptions about how the universe works.

At the heart of Newton's work was a rigorous definition and mathematical description of force. Up until this point, force was theorized qualitatively and used as a noun to describe something being acted upon by something else; however, with Newton, force became an entity unto itself. Since the days of

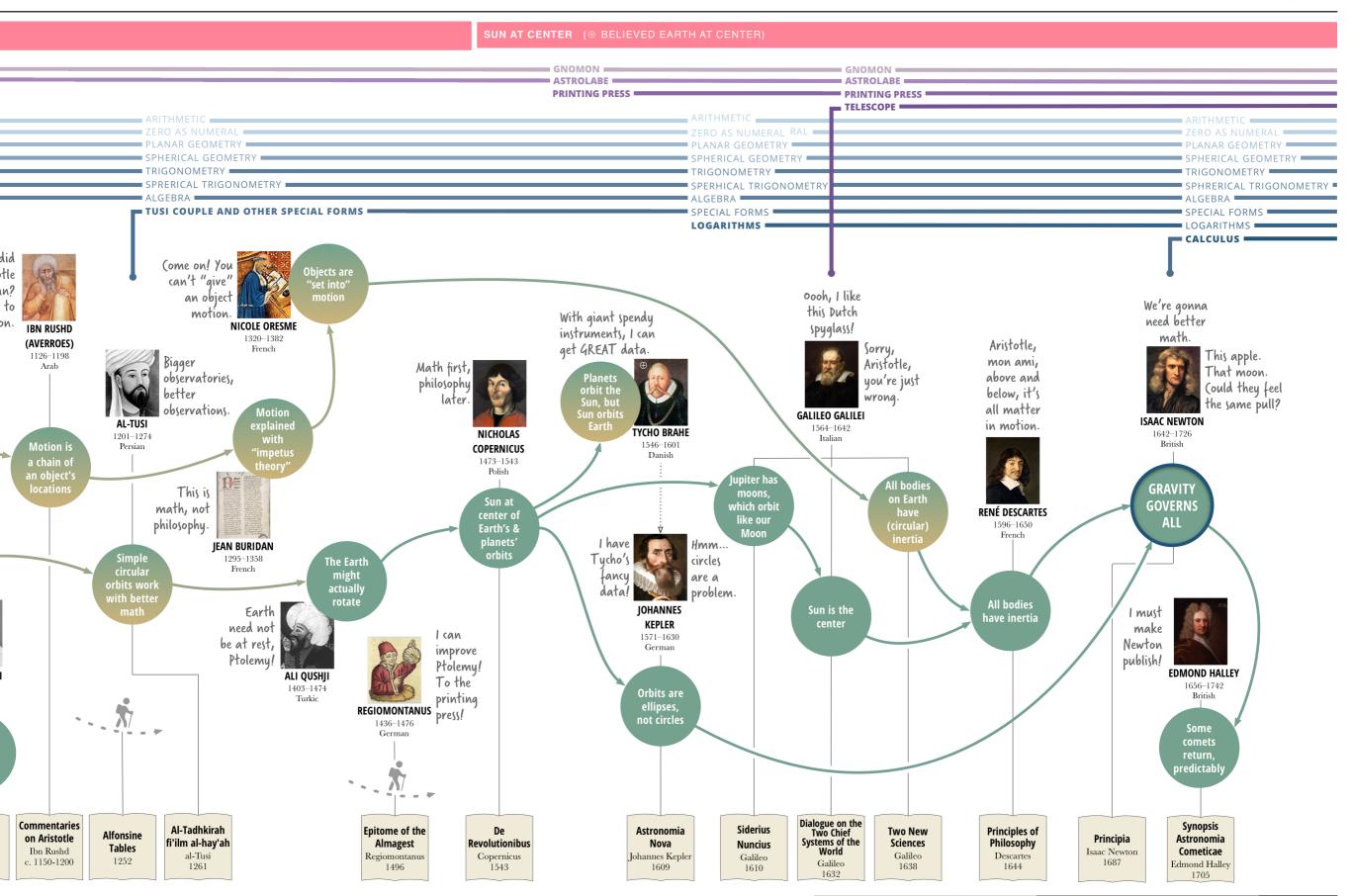


The Path to Newton



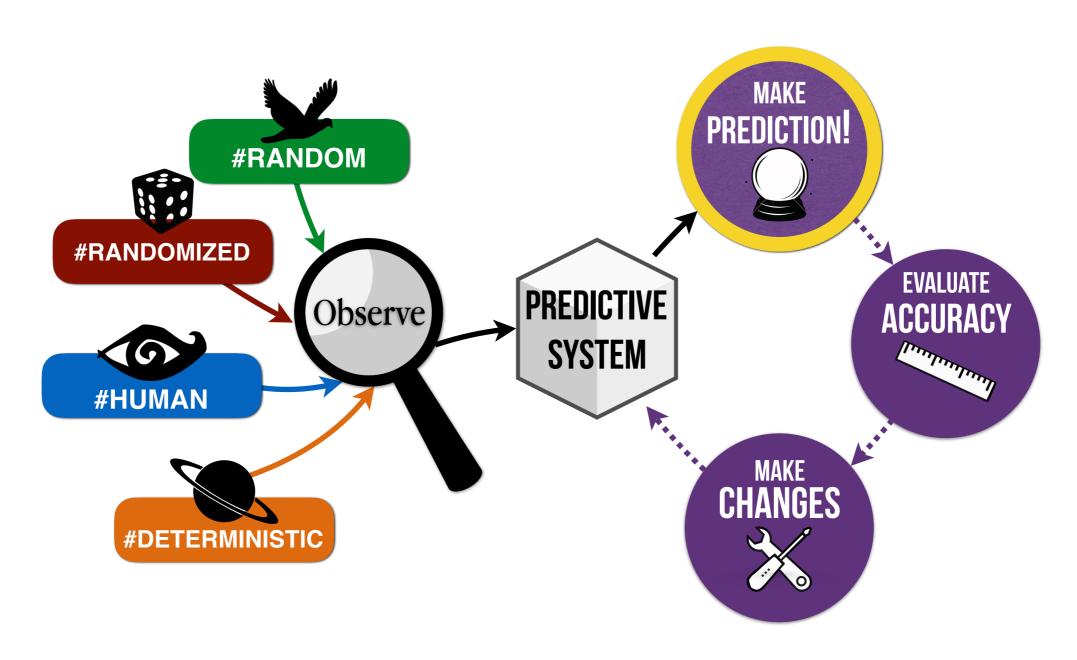






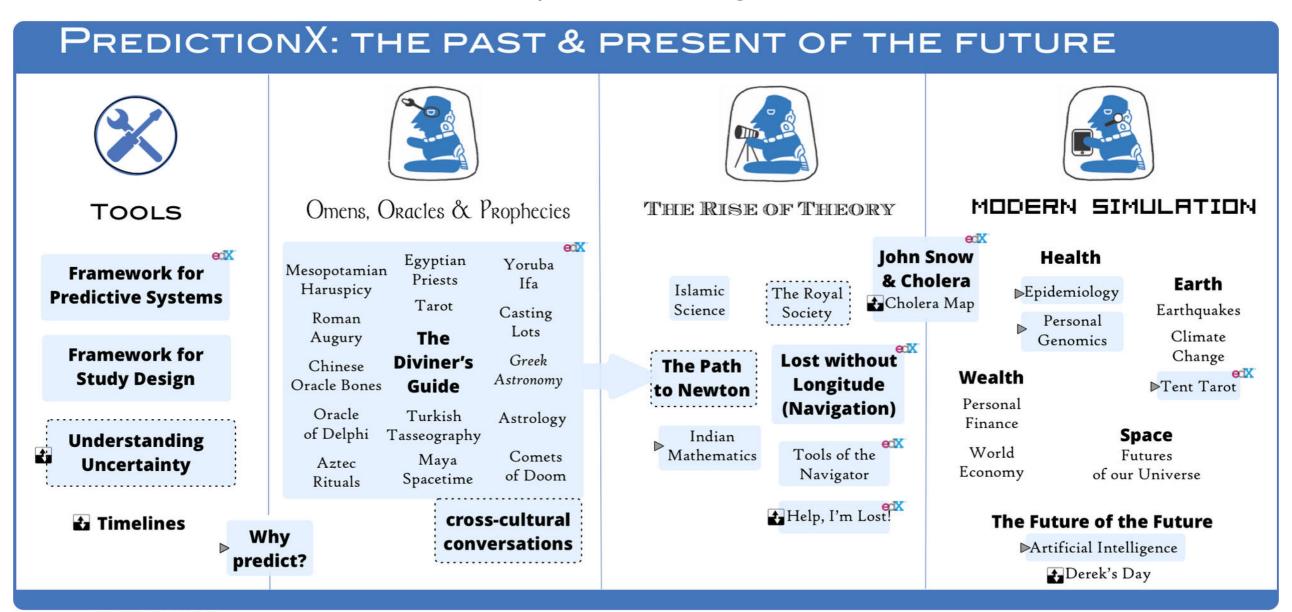


Framework for Predictive Systems





predictionx.org

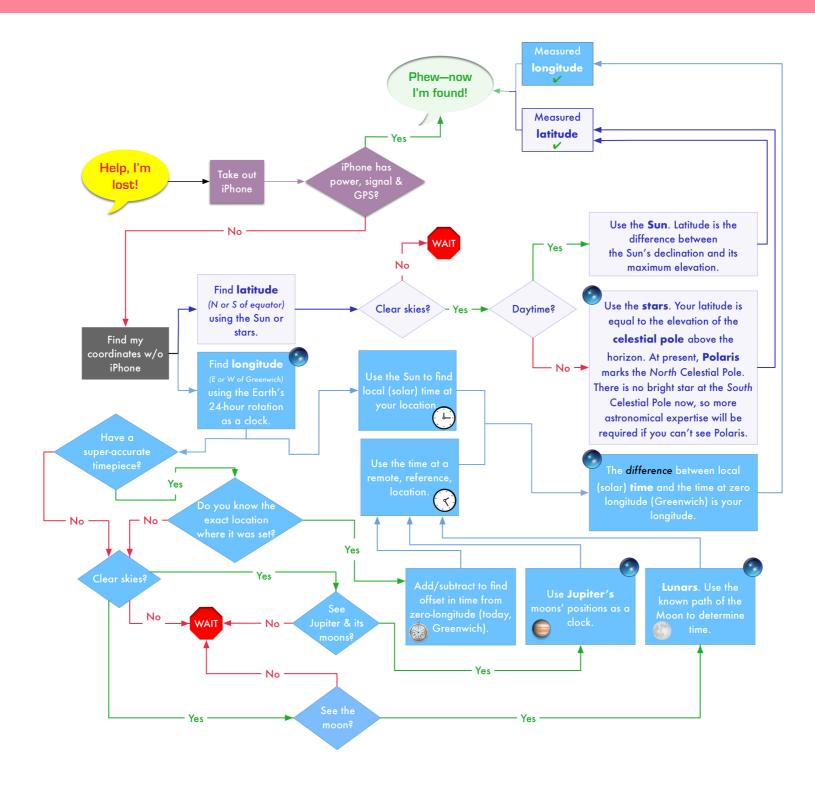




Finished Coming Soon: Planned ■ Interactive Resource > video(s) exilink to edX (often contains videos + interactives, not marked separately here)

"Lost without Longitude"



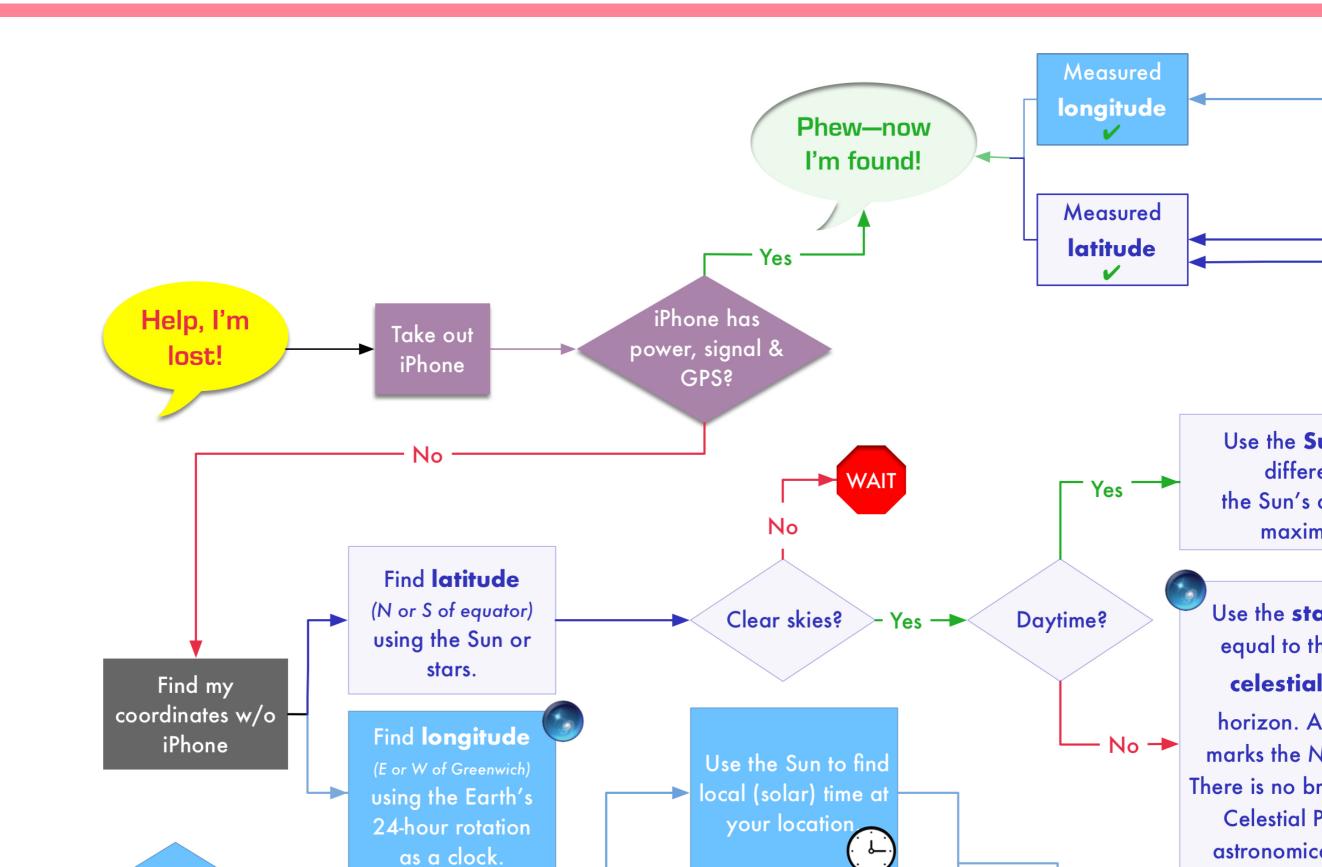


"Lost without Longitude"

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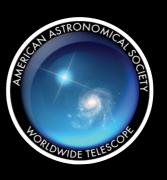
Earth as a Clock

The Celestial Sphere

Jupiter's Moons









Latitude & Longitude





Lunars on the Sky



Why Lunars are Hard





for more about WorldWide Telescope...
visit worldwidetelescope.org,
and the AAS Booth at AAS 233

The Path to Newton

