Educational Resources

An excellent place for quality materials that strengthen your understanding of our beautiful planet Earth. The best resources do more than state the answer; they show how we know.

Start with Observation

Begin with things you can observe directly: the changing height of Polaris, lunar eclipses, star trails, time zones, shadows at different latitudes and the way ships or buildings disappear bottom-first with distance. Direct observation gives the rest of the evidence a place to land.

Calculators

Check out Walter Bislin's Flat Earth Calculator here. Tools like this are useful because they force a claim to become numbers. Once a claim becomes numbers, it can be tested.

Recommended Topics

- **Basic geometry:** angles, circles, spheres and scale.
- **Astronomy basics:** phases, eclipses, seasons and celestial poles.
- **Atmospheric optics:** refraction, mirages and horizon observations.
- **Navigation:** latitude, longitude, great-circle routes and GPS.
- **Scientific reasoning:** hypotheses, theories, predictions and falsifiability.

How to Use This Wiki

Pick a claim, read the relevant science, then look for a prediction. A good explanation should help you understand what you would expect to see next. That is where real learning begins.

Source Habits

When using any resource, prefer primary sources, full context and measurements over clipped images or anonymous summaries. A good educational path teaches you how to evaluate the next claim without needing someone else to pre-chew it.

Observation Project Ideas

These projects are practical ways to turn abstract arguments into direct experience.

- **Shadow pair experiment:** Compare stick shadows at two different latitudes near local solar noon.
- **Polaris altitude log:** Record Polaris altitude while travelling north or south.
- **Ship or building horizon observation:** Use known observer height, target height and distance, then compare with the curvature calculator.
- **Star trail photography:** Capture long exposures facing north, south and near the equator if travel allows.
- **Time-zone check:** Compare sunrise, sunset and solar noon between cities at different longitudes.

Source Quality Checklist

- Does the source provide raw measurements, or only a conclusion?
- Are the location, time, altitude and equipment stated?
- Can the observation be repeated by an ordinary person?
- Does the explanation make a prediction before the result is known?
- Does it depend on a conspiracy to dismiss every conflicting measurement?

Printable Claim Lab Worksheets

For structured investigations, use the Printable Claim Lab Worksheets, Observation Log Templates, and Classroom Pack.

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