






Prerequisites for the Work Chart of the Zones:

- The Earth as a Sphere 
 - Understanding that the Earth is round and that this affects how sunlight reaches different parts of the surface.
- The Tilt of the Earth's Axis 
 - Realizing that the Earth is tilted and that this tilt causes sunlight to strike different areas more or less directly throughout the year.
- The Sun and Earth Presentation 
 - A basic understanding of the Earth's relationship to the Sun and how this connection results in day and night and introduces the idea of changing seasons.
- The Impressionistic Chart of the Zones (Chart 18A) 
 - Introducing the Torrid, Temperate, and Frigid Zones, where children visualize temperature variation and associate it with the imaginary lines (Equator, Tropics, and Arctic Circles).
- Understanding Perpendicular and Oblique Rays 
 - Knowing that perpendicular rays are stronger and create warmth, while oblique rays are weaker and result in cooler temperatures.

These presentations prepare the child to imagine how the Sun's position appears to change through the year and how this invisible shift creates seasonal changes in temperature across the globe.