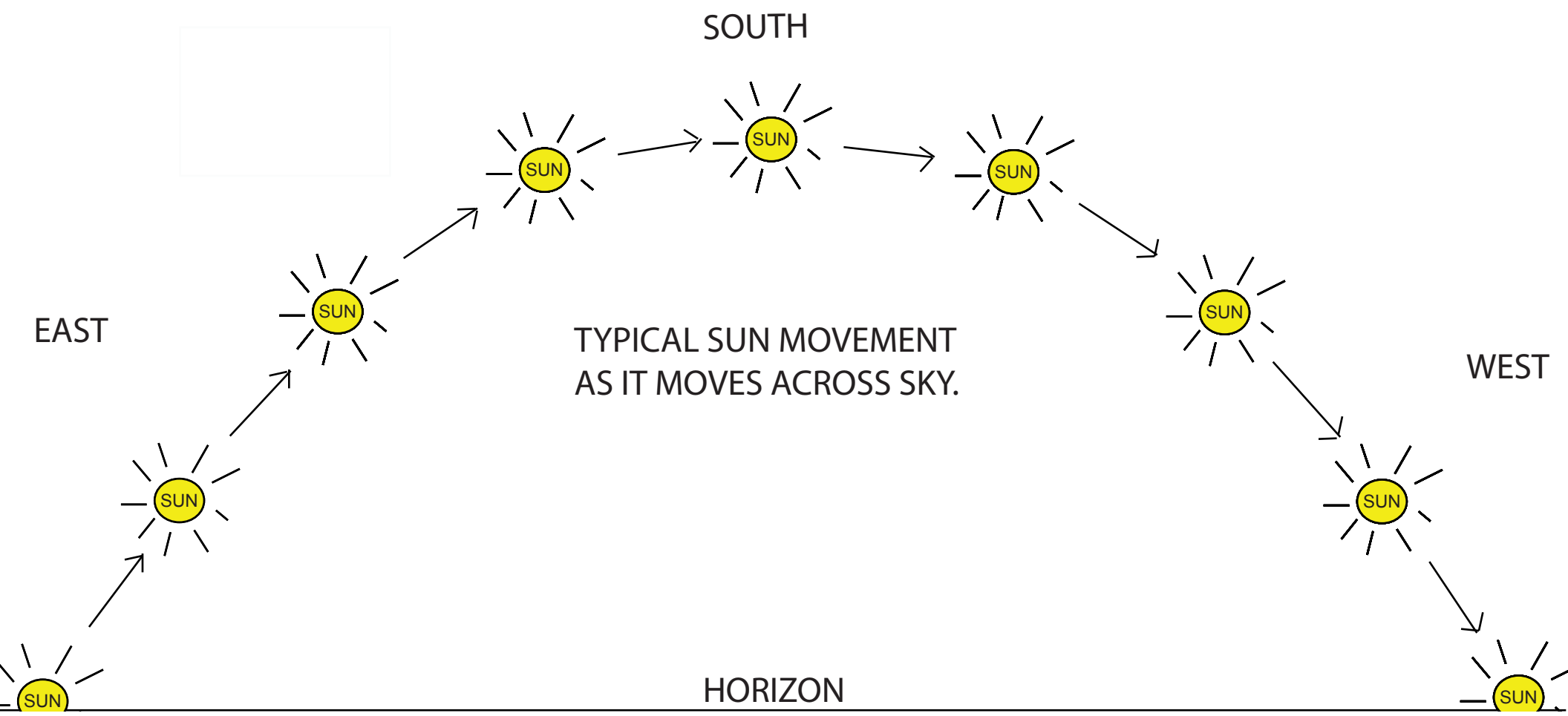


ANYWHERE NORTH OF THE EQUATOR SUCH AS THE UNITED STATES AND CANADA, THE SUN WILL RISE IN THE EAST, MAKE AN ARC ACROSS THE SOUTHERN SKY, AND SET IN THE WEST.

ALL LIGHT, INCLUDING SUNLIGHT TRAVELS IN A STRAIGHT LINE.

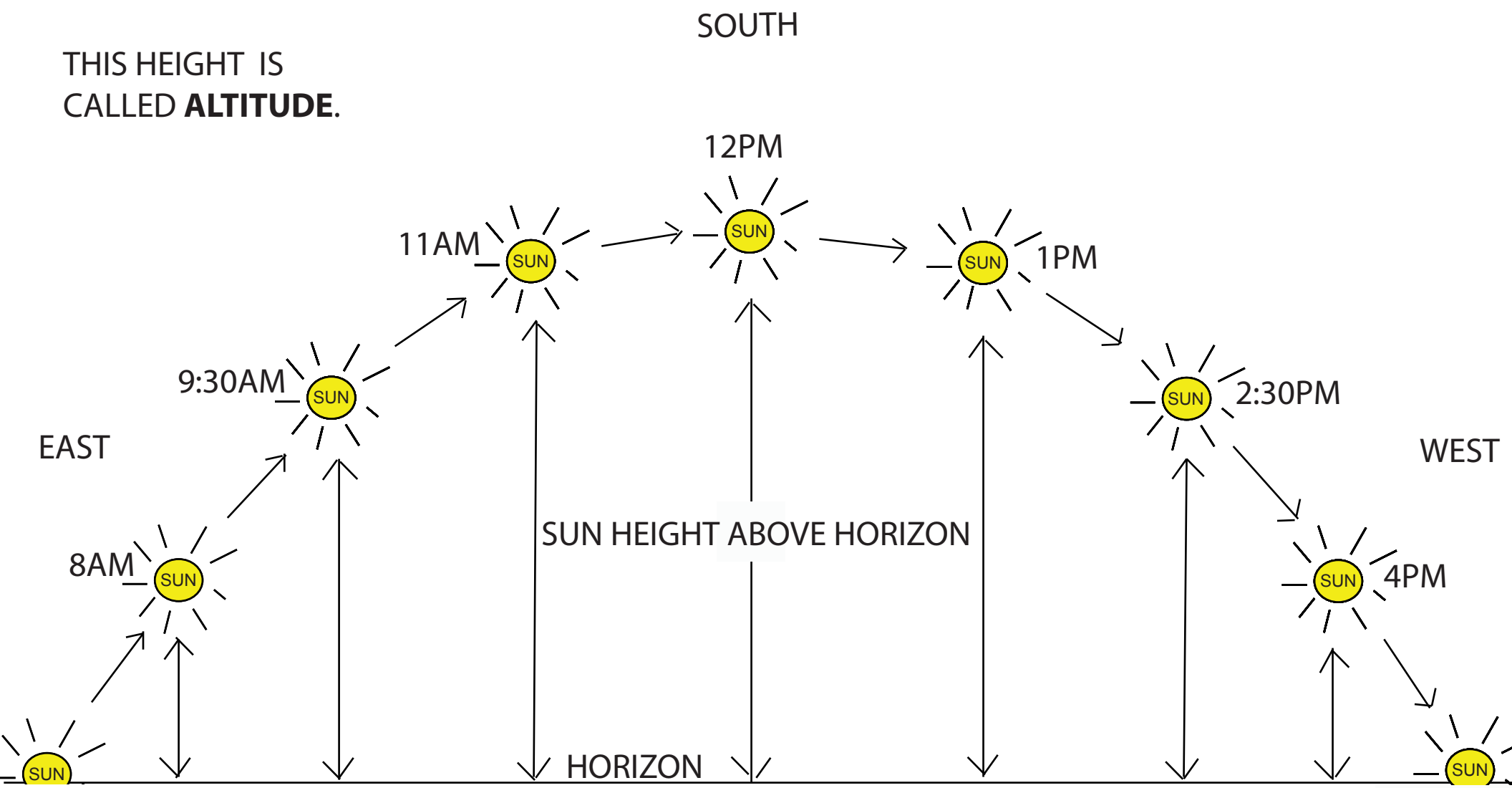


TO BETTER UNDERSTAND THE DAILY PATH OF THE SUN, THIS LINK WILL COVER THE ROTATION AND REVOLUTION OF THE EARTH AROUND THE SUN LEADING TO SEASONS:

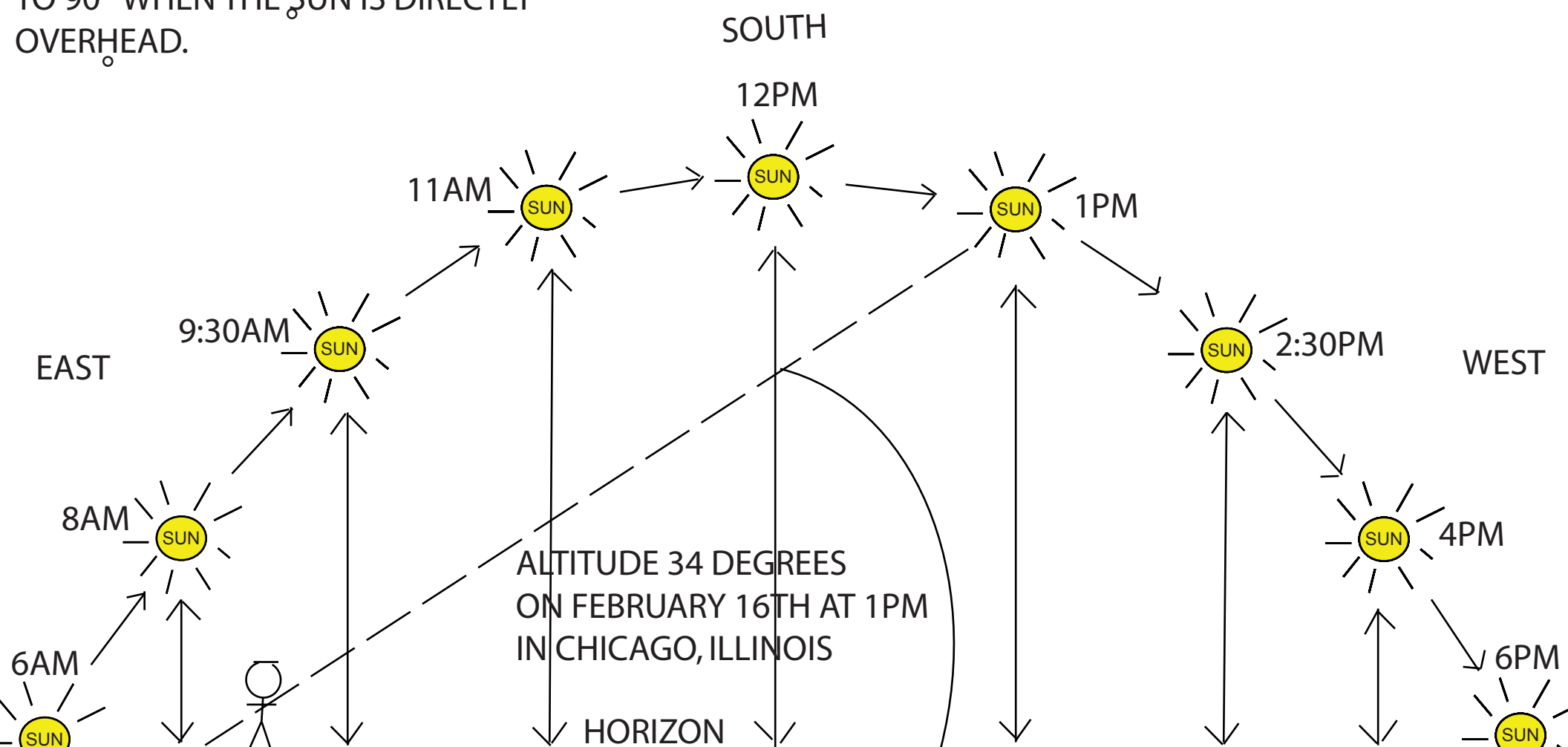
<http://www.physicalgeography.net/fundamentals/6h.html>

AT ANY GIVEN TIME, THE SUN IS AT A GIVEN HEIGHT.

THIS HEIGHT IS CALLED **ALTITUDE**.



ALTITUDE IS THE ANGLE FROM THE HORIZON TO THE SUN RANGING FROM 0 AT THE HORIZON TO 90 WHEN THE SUN IS DIRECTLY OVERHEAD.



TO DETERMINE YOUR ALTITUDE, TRY THIS ON YOUR OWN:

1. FACING THE SUN, POINT YOUR LEFT INDEX FINGER TOWARDS THE HORIZON.
2. POINT YOUR RIGHT INDEX FINGER TOWARD THE SUN.

RESULT: THE THE ANGLE YOUR ARMS CREATE IS THE SUN'S ALTITUDE!