

## Show Me You Understand: The World in Spatial Terms

KNOW this vocabulary	UNDERSTAND how...	Be able to DO these things
<p>compass rose cardinal directions (N, S, E, W) intermediate directions (NE, SE, SW, NW) scale scale bar relative location interdependence grid cell index absolute location latitude longitude degree Equator Prime Meridian mental map <i>Names of the continents:</i> North America, South America, Europe, Africa, Antarctica, Asia, Australia, <i>Names of the oceans:</i> Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean symbol legend key axis Northern Hemisphere Southern Hemisphere time zone <i>Types of maps:</i> physical map, relief map, political map, special-purpose map <i>Types of map projections:</i> <a href="#">Mercator projection</a>, <a href="#">cylindrical projection</a>, <a href="#">planar projection</a>, <a href="#">conic projection</a> Global Positioning System (GPS) Geographic Information System (GIS) GPS receiver</p>	<p>...to identify direction and distance information from maps ...to describe locations in terms of relationships with other locations ...to locate places using grids ...to locate places using latitude and longitude ...to create mental maps of familiar areas ...to locate major landmasses (continents) and bodies of water (oceans) around the world ...to use map legends to interpret symbols commonly used on maps ...to use a road map to select routes and estimate distance and travel time ...basic earth-sun relationships affect everyday life ...time, the rotation of the earth, and time zones are connected ...to use maps with different themes for different purposes ...different map projections show the earth in different ways ...Global Positioning Systems and geographic information systems work ...to use a GPS receiver to travel to waypoints</p>	<p>Draw and label a compass rose with cardinal and intermediate directions.  Use a map scale to judge real-world distances.  Describe different locations on a grid map using letters and numbers.  Identify places based on their absolute location (latitude and longitude).  Give the approximate latitude and longitude of places using a world map.  Identify the continents and oceans on a world map.  Identify what different symbols on a map mean by using its legend.  Tell different types of maps apart.  Use a GPS receiver to mark waypoints and find your way back to them.</p>

