

Navigating with a Compass and Topographic Map

Original Power Point Created by Joel Wondra

Modified by Georgia Agricultural Education Curriculum Office

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Begin by laying your laminated topographic map on a flat, non-metallic surface that does not interfere with your magnetic needle of your compass.

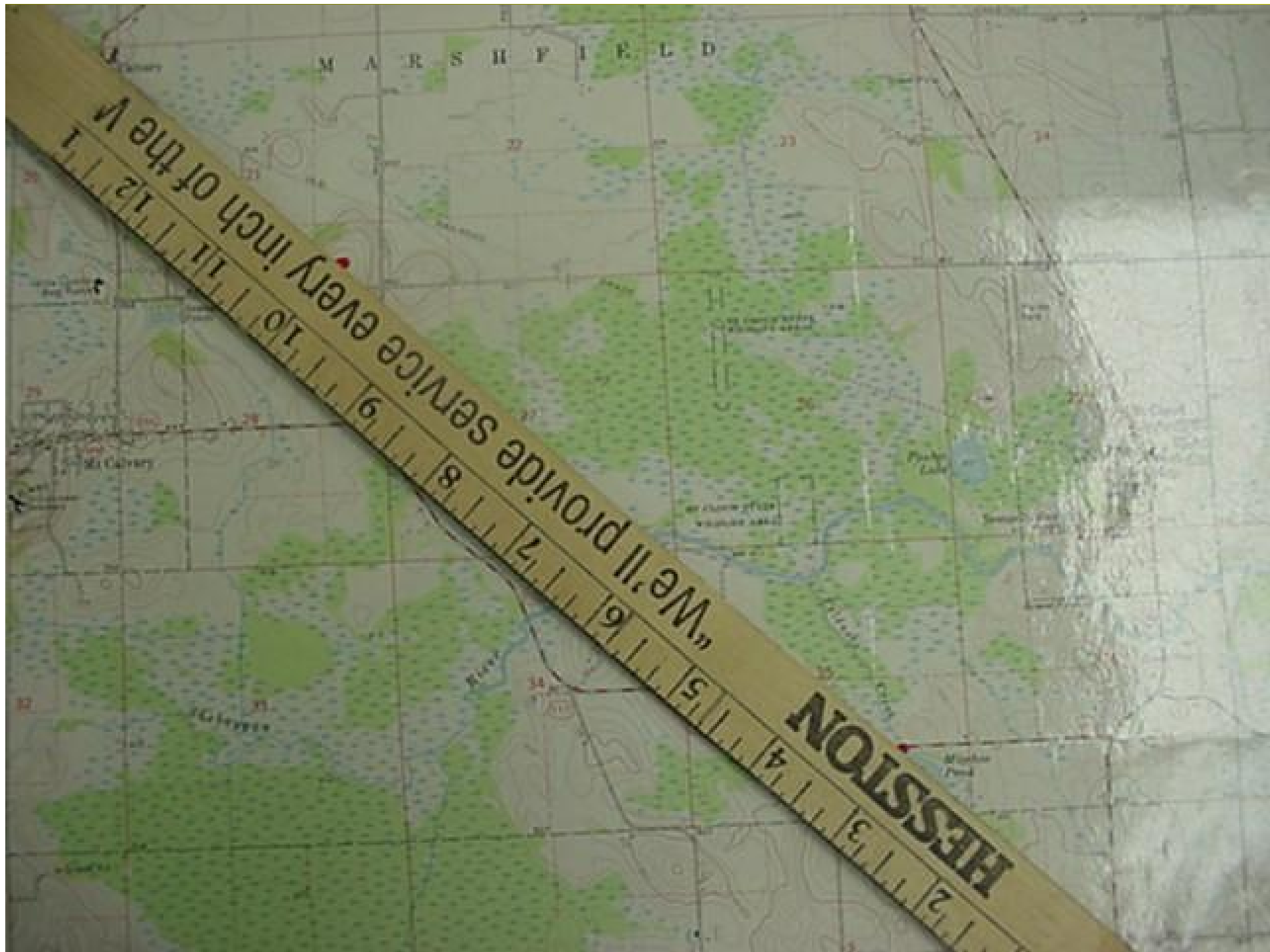


**Identify your location on the map
and make a mark at that spot with
an erasable marker.**



Identify the location you would like to travel to on the map and make a mark at that spot with an erasable marker.

Use a straight edge to connect the two points. Extend the line beyond each point, and place an arrow in the direction of travel.





Locate any point on that line that intersects with an orienting line (red) on your map.



Place your compass on the map so that the center of the magnetic needle is directly over the intersection of your line and the orienting line.

**At the same time, position the
compass so your marker line and
direction of travel line are over the
line drawn on map.**

Also, spin the bezel dial so the orienting lines are parallel to the orienting line(s) on the map.



**TURN THE MAP (and compass) so
that the north end of the magnetic
needle is inside the orientating arrow
of the compass.**



**Make sure the direction of travel line
is still directly above the line that you
drew on the map.**



**Read your compass and determine
the degree on the dial that is
intersected by the marker line.**



Using that bearing, find an object in the distance that is in that bearing.

Walk to that object.

**When you reach this object, find
another object in the distance at that
bearing. Walk to it.**

**Continue repeating this procedure
until you reach your destination.**