

4-H Youth County/State Fair Exhibit Judging Criteria and Guidelines: Community Mapping Projects				
Objective	Mastery Level (4)	Accomplished Level (3)	Developing Level (2)	Beginning Level (1)
<b>Overall impact/impression - THEME:</b> Well-communicated GIS/mapping subject or theme	Theme of the map is well-communicated, has only one primary message, is easily understood by intended audience.	Theme of the map is well-communicated, has only one primary message, is understood by intended audience.	Theme of the map is somewhat well-communicated, has only one primary message, is understood by intended audience.	Theme of the map is emerging, may have more than one primary message.
<b>General cartographic and presentation quality - TITLE:</b> Clear and appropriate title	Title is present and appropriate to presentation. Title is correctly sized and in an appropriate font. Title is placed in a strategic place and adds to the presentation.	Title is present and appropriate to presentation. Title is correctly sized and in an appropriate font.	Title is present and appropriate to presentation.	Title is present.
<b>LAYOUT:</b> Effective layout (logical and efficient arrangement)	Size and proportion of map are effective, amount of detail is appropriate for scale of map, map elements are balanced within the visual hierarchy and the frame of the map.	Size and proportion of map are effective, amount of detail is appropriate for scale of map, map elements are almost balanced within the visual hierarchy and the frame of the map.	Size and proportion of map are emerging, amount of detail is appropriate for scale of map.	Size and proportion of map are emerging, amount of detail is emerging for scale of map.
<b>SYMBOLS:</b> Effective use of symbols (meaningful, well-classified, distinguishable)	Effective use of symbology . (Meaningful, well-classified, distinguishable)	Symbology is present and most items appear effective.	Symbology is present, some items appear effective while others appear random.	Symbology is present but appears random or not thought through.
<b>TEXT:</b> Effective use of text (correctly labeling or explaining the features, reflecting classifications, good placement and clarity)	Effective use of text: <b>Content:</b> correct labeling, good placement and clarity, concise annotations and captions, reflects theme accurately, abbreviations are avoided, no redundancies. <b>Form:</b> no more than four fonts and four font sizes per map	Somewhat effective use of text: <b>Content:</b> correct labeling, good placement and clarity, concise annotations and captions, reflects theme accurately, <b>Form:</b> no more than four fonts and four font sizes per map.	Emerging use of text: <b>Content:</b> correct labeling, annotations and captions are present, <b>Form:</b> no more than four fonts and four font sizes per map.	Text is present on map, labeling, annotations and captions are present, no more than four fonts and four font sizes per map.
<b>CARTOGRAPHIC ELEMENTS:</b> Appropriate use of cartographic elements (i.e., legend, scale, north arrows, projection, index map, etc.)	All suggested and required map elements are present: <b>[Required:</b> Title, Scale, Legend, Location, Sources, Projected, Orientation - <b>Suggested:</b> Prepared by, Prepared for, Date] and used effectively.	All suggested and required map elements are present. <b>[Required:</b> Title, Scale, Legend, Location, Sources, Projected, Orientation - <b>Suggested:</b> Prepared by, Prepared for, Date].	Most suggested and required map elements are present. <b>[Required:</b> Title, Scale, Legend, Location, Sources, Projected, Orientation - <b>Suggested:</b> Prepared by, Prepared for, Date].	Some suggested and required map elements are present. <b>[Required:</b> Title, Scale, Legend, Location, Sources, Projected, Orientation - <b>Suggested:</b> Prepared by, Prepared for, Date].
<b>COLORS:</b> Effective choice of colors (pleasant, balanced, distinguishable)	Effective choice and use of color: bolder colors are used for more important features, less important features are lighter. Colors are pleasant, balanced and distinguishable.	Fairly effective choice and use of color: bolder colors are used for more important features, less important features are lighter. Colors are pleasant, balanced and distinguishable.	Choice of color shows some thought. Colors are somewhat pleasant, balanced and distinguishable.	Colors are pleasant.
<b>General Application Quality SUBJECT:</b> Subject clearly defined	Subject/Objective of the map is clearly defined.	Subject/Objective of the map is somewhat clearly defined.	Subject/Objective of the map is emerging but not clearly defined.	Subject/Objective of the map appears to be random.
<b>VALUE:</b> Scientific and practical values are evident	Scientific and practical values are evident and relevant.	Scientific and practical values are somewhat evident and relevant.	Scientific and practical values are emerging.	Scientific and practical values are haphazard or random.
<b>TOOLS AND METHODS:</b> Efficient use of tools and methods	Efficient use of tools and methods.	Somewhat efficient use of tools and methods.	Some tools and methods are used efficiently while others are not.	Emerging use of tools and methods.
<b>CONCLUSIONS:</b> Clear descriptions and conclusions	Map descriptions and conclusions are clear, concise and relevant.	Most of the map descriptions and conclusions are clear, concise and relevant.	Map descriptions and conclusions are clear but may not be relevant.	Map descriptions and conclusions are emerging.
<b>Spatial Analysis - ANALYSIS</b>	Analysis is present, and strongly supported. All conclusions are based on concrete observations and valid data.	Analysis is present, and strongly supported. Most conclusions appear to be based on concrete observations and valid data.	Analysis is emerging, or somewhat apparent. Conclusions may be misrepresented or flawed.	Map does not appear to have any analysis, or analysis is terribly flawed.
<b>COMMUNICATING SPATIAL IDEAS -</b>	Map clearly communicates what condition(s) need to be improved or actions need to be taken by the viewer of the map. Map clearly communicates what the youth learned as a result of being involved in the mapping project	Map communicates what community conditions need to be addressed or what the youth has learned but not both.	Map attempts to communicate what community conditions need to be addressed or what the youth has learned.	Map does not communicate conclusions in a clear manner.
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