



RUBRIC: KSU GIS/MAPS/CARTOGRAPHY

From Digital Online Judging to State Championship
Team Event, 2 Titles Allowed Per School To Apply

Students see maps on their phones, computers, web sites and in classrooms. Can students create their own map? Students may locate an area on the school campus or in the community or decide that including a map would enhance something they are studying.

Contact Ken Bates, Kentucky State University, College of Agriculture, Food Science and Sustainable Systems at ken.bates@kysu.edu

- http://www.etension.org/geospatial_technology
- <http://kygeonet.ky.gov/>
- <http://www.edutopia.org/naturemapping-technology-fieldwork-video>
- <http://www.naturemappingfoundation.org/>

What the STLP Coordinator/Coach/Teacher should do:

- Share the rubric with students
- Determine which teams should apply for this category (Team is one or more students)
- Assist students with questions, make suggestions on quality of work
- Check for any copyright issues
- To further guide students in map development, seek professionals in the field
- If piece is selected as a finalist, attach rubric and process

What the students should do:

- Review the rubric; Decide which type of map to create: School grounds, or community or connection to your studies /curriculum
- Create process: a description written by the student of the steps and tools that he/she used to create the end product
- Include information on where and how you collected data and the analysis of data

Mark all that apply:

School Grounds Connection to Studies/Curriculum Community Thematic Map Analysis/Results/Model

| ONLINE JUDGING & STATE CHAMPIONSHIP | CRITERIA | POINTS EARNED |
|--|--|---------------|
| ACCESS | The pieces can be viewed online during Winter Judging | 0 5 |
| COPYRIGHT | Intellectual property is respected; Copyright rules are followed; All content is school appropriate; Credits and explanation are online for Winter Judging | 0 5 10 |
| CREATIVITY/ORIGINALITY | The piece is original | 1 2 3 4 5 |
| PROCESS | Process is explained for creating the map | 1 2 3 4 5 |
| ACCURACY | No grammatical or accuracy errors | 1 2 3 4 5 |
| | Analysis is accurate and relevant | 1 2 3 4 5 |
| PURPOSE | There is a clear purpose in creating the map | 1 2 3 4 5 |
| CARTOGRAPHY FEATURES | Map is balanced | 1 2 3 4 5 |
| | Many softcopy maps are created and used as graphics in media | 1 2 3 4 5 |
| | No map elements are missing | 1 2 3 4 5 |
| | Symbolization is effective for each layer | 1 2 3 4 5 |
| | Labeling of various layers is harmonized | 1 2 3 4 5 |
| | Classification of features and surfaces is effective | 1 2 3 4 5 |
| DATA ANALYSIS Source Data Outcomes Disclaimer | | |
| | Explains where data is collected: databases; in field | 1 2 3 4 5 |
| | Analysis included and can be explained | 1 2 3 4 5 |
| | Included with map | 1 2 3 4 5 |
| TOTAL SCORE OUT OF 80: | | |

AT STATE PRESENTED ON STAGE:

First Second