**Geospatial Inquiry Phases Aligned with Core Practices in Multiple Disciplines**

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| **Science** | **ELA/Literacy** | **History** | **Geography** | **Geospatial Inquiry Phase** |
| Ask questions about natural phenomena set in context of core disciplinary ideas |  | Access prior knowledge about an investigation via examination of a map, narrative, or other historical source.  Ask disciplinary questions which center on historical analysis and interpretation skills | Pose geographic questions | Examine Geospatial Data  Ask Questions |
| Analyze and interpret data to find patterns | Integrate & evaluate content presented in diverse media, visually & quantitatively, as well as in words | Analyze, critique, and interpret relevant, conflicting sources which challenge ideas | Acquire, organize and analyze geographic information to identify relationships, patterns, distributions, clusters | Analyze and Interpret Geospatial Data |
| Construct evidence-based explanations | Write arguments to support claims in an analysis of substantive topics using valid reasoning, relevant & sufficient evidence | Engage in collaborative development of evidence-based historical argument | Reason about human systems, environmental systems, & human-environment interactions | Argue from Evidence |
| Engage in argument from evidence. Defend explanations  Obtain, evaluate, & communicate information orally, in writing, with the use of tables, graphs, diagrams, & equations | Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others  Make strategic use of visual displays of data to express information and enhance understanding of presentations | Engage in collaborative defense and revision of evidence-based historical argument | Reason about geography; answer questions and systematically design solutions.  Communicate geographic information | Argue from Evidence  Revise Arguments |