

Representations

Focus Questions

Research on Learning Conference

Wingspread July 2002

- What research exists on data representations in geosciences?
 - What new research is needed?
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- 1) Strategies of complex representations
- 2) Computer-based technology and visualization
- 3) Digital databases

Outcomes

- 1) Gather research on spatial learning
 - in science
 - in geoscience
 - from cognitive sciences (what exists)
- 2) Brainstorm ways to get at what students know and are they able to integrate information from multiple sources