Topographic Maps

Discovery Trunk
Topographic Maps Inventory List

- Hubbard Scientific topographic map reading kit:
  1. Guidebook (please do not mark, photocopy only)
  2. Flat panel with map symbols
  3. Panel #1 with topographic map
  4. Panel #2 with 3D surface
  5. Panel #3 with 3D topographic map

- Princeton Indiana-Illinois Quadrangle topographic map kit:
  1. Paper copy of quadrangle map
  2. 3D topographic map

- 5 magnifying glasses

- 5 foam mountain contour activities

- 20 copies of Topographic Map Symbols pamphlet

- 20 copies of Bloomington Quadrangle map

- 1 pair of stereoscope glasses

- Copy of Stereogram Book of Contours booklet

- Copy of USGS Maps booklet

- Copy of Using Topographic Maps book

Tips for Using this Discovery Trunk

- Please handle the 3D topographic maps and stereoscope glasses with care; they are fragile and can break. Direct facilitation with younger students is recommended.

- Extend students’ thinking by asking open-ended questions and giving verbal prompts.

- Encourage students to develop ways to answer their own questions about maps and label their explorations and discoveries as scientific.