



INDIANA GEOLOGICAL  
& WATER SURVEY  
INDIANA UNIVERSITY

# Shake, Rumble, Roll



## Discovery Trunk

## Shake, Rumble, Roll Inventory List

- Disaster preparedness kit containing:
  1. Backpack
  2. First aid kit
  3. Non-perishable food
  4. Water
  5. Money
  6. Tent
  7. Poncho
  8. Waterproof matches
  9. Toilet paper
  10. Solar-powered radio
  11. Hand-cranked flashlight
  12. Multipurpose tool
- Seismic wave simulator
- Tectonic plate globe
- 6 laminated copies of *Liquefaction Potential of Surficial Materials* map
- 6 laminated copies of *Known Faults and Historic Epicenters* map
- Copy of Central U.S. Earthquake Guide
- Copy of *Tectonic Plates are on the Move* book
- Copy of *Teacher-Friendly Guide to the Earth Science of the Midwestern US* book

## Tips for Using this Discovery Trunk

- Please handle the demonstration tools with care; they 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 earthquakes and label their explorations and discoveries as scientific.