

Essential Skill Sets

for Conducting GIS Professional
Development for Educators

GIS Knowledge & Skills

- Spatial thinking and analysis
- Geospatial technologies as analysis tools
- GIS for decision-making
- Trends in GIS technology
- GIS careers



Technical Skills

- Installation, registration, licensing issues
- Setting up a classroom or computer lab
- Communicating with systems administrators
- Troubleshooting

Teaching & PD Skills

- Identify appropriate GIS tools
- Use GIS across a range of curricular settings
- Build inquiry-based lessons, learning activities
- Develop presentations about teaching with GIS
- Design hands-on workshop and training events

