Presenter Preparation Checklist

Table set (per group of 4):
- ☐ Post-it notes
- ☐ Rulers
- ☐ Tape measures (metric)
- ☐ Highlighters
- ☐ Post-it flags
- ☐ Tape
- ☐ Masking tape
- ☐ Flip chart markers
- ☐ Sticky dots
- ☐ Pencils
- ☐ **Technology Tutorial T^2** binder (one per computer)
- ☐ Chart paper

Manipulatives/Materials

Engage:
- ☐ Rulers-1 per participant
- ☐ Polygons cut out from Activity Master

Explore/Explain 2:
- ☐ Rulers-1 per participant
- ☐ Protractors-1 per participant

Elaborate:
- ☐ Rulers-1 per participant
- ☐ Protractors-1 per participant
- ☐ Compass-1 per participant
- ☐ Patty paper-several sheets available per participant

Evaluate:
- ☐ Sentence strips – blue and yellow, one of each per participant

Prepare

Engage:

- □ Copy on cardstock and cut out polygons from the Activity Master—one set per Polygons Rule station.
- □ Copy on cardstock and cut out Data Station Tents—Polygons Rule, Techno Polly
- □ Chart Paper
    - ▪ Statements about technology with Likert scale—one per statement.
    - ▪ Reflections on Data Venn Diagram (1 per 12 participants)

Elaborate:

- □ Copy on cardstock and cut out Rose Hint Cards from the Activity Master—one set per group of 2 participants.

Technology

- □ Presentation computer loaded with most recent update of:
    - ▪ PowerPoint (optional)
    - ▪ Geometer's Sketchpad
    - ▪ TI-Interactive
    - ▪ TI-Connect
    - ▪ Excel
    - ▪ Word
    - ▪ Internet access
    - ▪ Hyperlink document (optional)
    - ▪ Sketches found on the CD Resource Disk—labeled on the desktop as "Geometry Jump Drive"
- □ Data projector
- □ Overhead projector
- □ One computer per two participants loaded with most recent update of:
    - ▪ Geometer's Sketchpad
    - ▪ TI-Interactive
    - ▪ TI-Connect
    - ▪ Excel
    - ▪ Word
    - ▪ Internet access
    - ▪ Hyperlink document (optional)
    - ▪ Sketches found on the CD Resource Disk—labeled on the desktop as "Geometry Jump Drive"
- □ TI-83/84 calculator – one per participant
    - ▪ Graph link (optional)
- □ Jumpdrives (optional)

Transparencies or Power Point Slides

Engage:
- □ Reflections on Data
- □ Debriefing the Exploration of Data

Explore/Explain 1:
- □ Putting It All Together

Explore/Explain 2:
- □ Explore the World with Geometric Properties

Explore/Explain 3:
- □ Dome Floor Dilemma "Posing the Problem"
- □ Explain

Elaborate:
- □ Rose Window
- □ Transparency 1: Looks Like—Sounds Like
- □ Transparency 2: Looks Like, Sounds Like
- □ Teaching Strategies
- □ Student Research

Evaluate:
- □ Encouraging Judicious Use of Technology

Handouts
Prepare one folder for each participant to use through out the training. The handout for Planning for Intentional Use of Data in the Classroom from the Engage phase and the Explore/Explain phases should all be copied on the same particular color (i.e. green). The other handouts should be copied on different colors for each phase (i.e. light pink for the Engage and light blue for Explore/Explain 1, etc.). It also might be helpful to staple these colored pages together.

Engage:
- □ Polygons Rule: Data Collection
- □ Polygons Rule: Questions About Data
- □ Techno Polly: Data Collection
- □ Techno Polly: Questions About Data
- □ Reflections on Data
- □ Debriefing the Exploration of Data
- □ Polly Polly In Come Free Intentional Use of Data in the Classroom (copy on green paper)

Explore/Explain 1:
- □ Polygarden Landcaping Company
- □ Putting It All Together
- □ Polygarden Landscaping Company Intentional Use of Data (copy on green paper)

Explore/Explain 2:
- □ Copy of a magazine cover
- □ Sketchpad Skills Investigation
- □ Explore the World with Geometric Properties
- □ Geometric Properties and Sketchpad Skills Intentional Use of Data in the Classroom (copy on green paper)

Explore/Explain 3:
- □ Dome Floor Dilemma
- □ Analyze the Data
- □ Explain
- □ Dome Floor Dilemma Intentional Use of Data in the Classroom (copy on green paper)

Elaborate:
- □ Ring Around the Rose Window
- □ Understanding the Problem and Planning the Solution
- □ Constructing the Rose

Evaluate:
- □ Gallery Walk Observations
  - ▪ Polygarden Landscaping Company
  - ▪ Sketchpad Skills Investigation and Exploring the World
  - ▪ Dome Floor Dilemma
  - ▪ Ring Around the Rose Window