

## 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
- Transparency markers
- Sticky dots
- Pencils
- Technology Tutorials binder (one per computer)
- Chart paper

### Manipulatives/Materials:

#### Engage:

- One-inch color cubes – 1 bag of 50 per every 8 participants
- Color tiles - 1 bag of 50 per every 8 participants
- One-inch construction paper squares - 1 bag of 36 per every 8 participants
- Yard stick – 1 per every 8 participants

#### Explore/Explain 1:

- Centimeter cubes – 1 bag of 50 per group of 4 participants

#### Explore/Explain 2:

- Lunch bags (4 per group)

#### Explore/Explain 3:

- Dice – 1 die per 12 participants
- 6-sectioned spinners – 1 spinner per 12 participants
- Playing cards (cards A – 6 of each suit) – 1 set per 12 participants

#### Evaluate:

- Sentence strips – three colors, one of each per participant

### Prepare:

#### Engage:

- Data Station Tents - A, B, C, D
- Data Station Cards – print using a color printer. Attach each shape to an index card.
- Chart Paper
  - Survey Statements
  - Reflections on Data Venn Diagram – Data Sources (1 per 12 participants)
  - Reflections on Data Venn Diagram – Tools (1 per 12 participants)

## Explore/Explain 1:

- Cardstock labeled: “minimum”, “lower quartile/Q1”, “median”, “upper quartile/Q3”, “maximum” (available on Resource CD)
- Number Line (available on Resource CD)

## Explore/Explain 2:

- Graph Cards – 1 card per group
- Data Cards – 1 set per group
- Data Statement Cards – 1 set of 4 per group
- Chart Paper
  - Guided Questions 1 and 2

## Explore/Explain 3:

- Probability Simulation Cards Set 1 – one card with corresponding tool (dice, spinner, cards)
- Probability Simulation Cards Set 2 – one card per group of 2 participants
- Chart Paper
  - The Big Question

**Technology:**

- Presentation computer loaded with most recent version of:
  - PowerPoint
  - TI-Interactive (load with The Big Question Presenter Spreadsheet – for Explore/Explain 3)
  - TI-Connect
  - Excel (load with Grams of Fat spreadsheet - for Explore/Explain 2)
  - Word
  - Internet access
  - Hyperlink document
- Data projector
- TI-73 presentation calculator and viewscreen
- Overhead projector
- One computer per two participants loaded with most recent version of:
  - TI-Interactive
  - TI-Connect
  - Excel (load with Grams of Fat spreadsheet - for Explore/Explain 2)
  - Word
  - Internet access
  - Hyperlink document
- TI-73 calculator – one per participant (loaded with Probability Simulator Application – for Explore/Explain 3)
- CBRs – one per Data Station C (Engage)
- Jumpdrives (optional)

**Transparencies** (or use Power Point slides):

## Engage:

- Reflections on Data – Data Sources
- Reflections on Data – Tools
- Debriefing the Exploration of Data

## Explore/Explain 1:

- The Foot Question 1, 2, and 3
- Sticky Dot
- Box and Whisker Plot
- Venn Diagram
- Box and Whisker Participant Page (must use transparency here)

## Explore/Explain 2:

- Survey Question
- Spreadsheet
- Comparison
- Guided Questions 1 and 2
- Gallery Walk 1 and 2

## Explore/Explain 3:

- The Big Question
- Mini To-Do List
- To-Do List
- My Best Graph Questionnaire
- Venn Diagram

## Elaborate:

- How's Your Timing?
- Data Collection
- Teaching Strategies
- Transparency 1: Looks Like, Sounds Like
- Transparency 2: Looks Like, Sounds Like
- Research

## Evaluate:

- Encouraging Judicious Use of Technology

**Handouts:** Prepare one folder per participant with the following handouts.

## Engage: (Copy all on light pink paper. Staple.)

- Data Station Recording Sheet A
- Data Station Recording Sheet B
- Data Station Recording Sheet C
- Data Station Recording Sheet D
- Reflections on Data – Data Sources
- Reflections on Data - Tools
- Debriefing the Exploration of Data
- Planning for Intentional Use of Data in the Classroom (copy on green paper)

**Handouts (continued):**

Explore/Explain 1: (Copy all on light blue paper. Staple.)

- Stem and Leaf
- Box and Whisker Participant Page
- Box and Whisker Plot – Page 1 and 2
- Venn Diagram
- Planning for Intentional Use of Data in the Classroom (copy on green paper)

Explore/Explain 2: (Copy all on lavender paper. Staple.)

- Generating Data
- Collecting Data
- Time to Play
- Comparison
- Planning for Intentional Use of Data in the Classroom (copy on green paper)

Explore/Explain 3: (Copy all on light yellow paper. Staple.)

- Group Activity Sheet
- Venn Diagram
- My Best Graph Questionnaire
- Planning for Intentional Use of Data in the Classroom (copy on green paper)

Elaborate: (Copy all on salmon paper. Staple.)

- Rubric for Answering the Question
- Understanding the Question
- Making a Plan
- Carrying Out the Plan and Answering the Question
- Evaluating the Answer and the Plan
- Extending the Question

Evaluate: (Copy all on taupe paper. Staple.)

- Gallery Walk Observations
- Sample Student Lessons