

## Data Driven Dialogue - Math Materials Selection Committee

Data tool activity to build understanding of viewpoints, beliefs and assumptions about data while suspending judgements. The tool helps to help to replace hunches and feelings with data-based facts, examines patterns and trends of performance indicators and generates root caused discussions that move from identifying symptoms to possible causes of student performance,

- Phase 1: Predictions
  - Surfacing perspectives, beliefs, assumptions, predictions, possibilities, questions and expectations
- Phase 2: Observations
  - Analyzing the data for patterns, trends, surprises, and questions
- Phase 3: Inferences
  - Generating hypotheses, beliefs, assumptions, predictions, possibilities, questions and expectations

Please use facts only. Avoid inferences and personal bias and refer only to

- I observe that...
- I can count...
- Patterns noticed...
- I'm surprised by...

Avoid:

- "Because"
- "Therefore"
- "It Seems"
- "However"

## Phase 1: Predictions

1. I Observe That:
2. Some Patterns/Trends That I Notice
3. I Can Count
4. I'm Surprised That
5. Possibilities for Learning

I Assume:

I Predict:

I Wonder:

My Questions/Expectations Are Influence By:

Possibilities for Learning:

## **Phase 2: Observations**

1. I Observe That
2. Some Patterns/Trends That I Notice
3. I Can Count
4. I'm Surprised That I See

I Observe That:

Some Trends/Patterns That I Noticed:

I Can Count:

I'm Surprised That I See:

### Phase 3: Inferences

1. I Believe the Data Suggests...Because
2. Additional Data Would Help Me Verify
3. Additional Data Would Guide Implementation of the Solutions and Determine if Working

I Believe the Data Suggests... Because:

Additional Data Would Help Me Verify:

Additional Data Would Guide Implementation of the Solutions and Determine if Working: