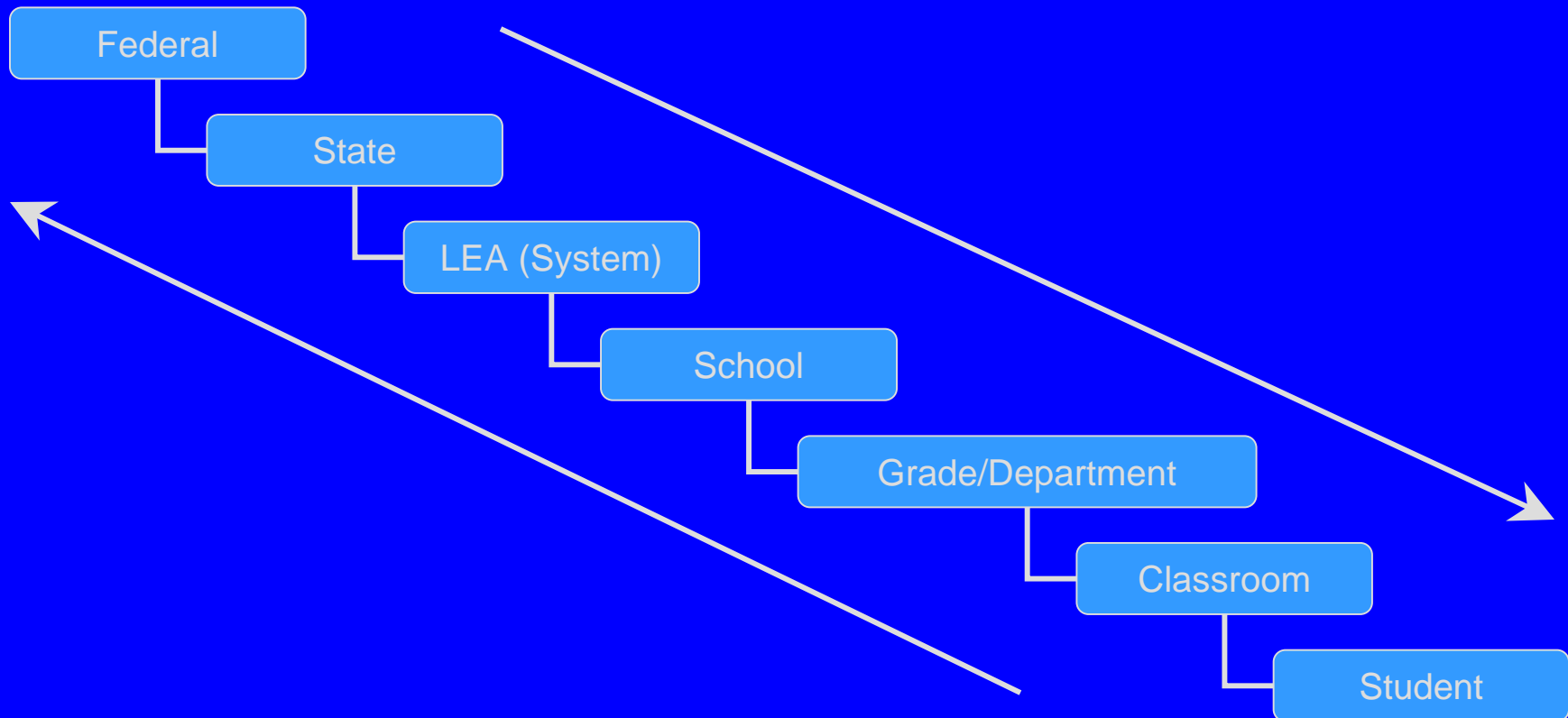




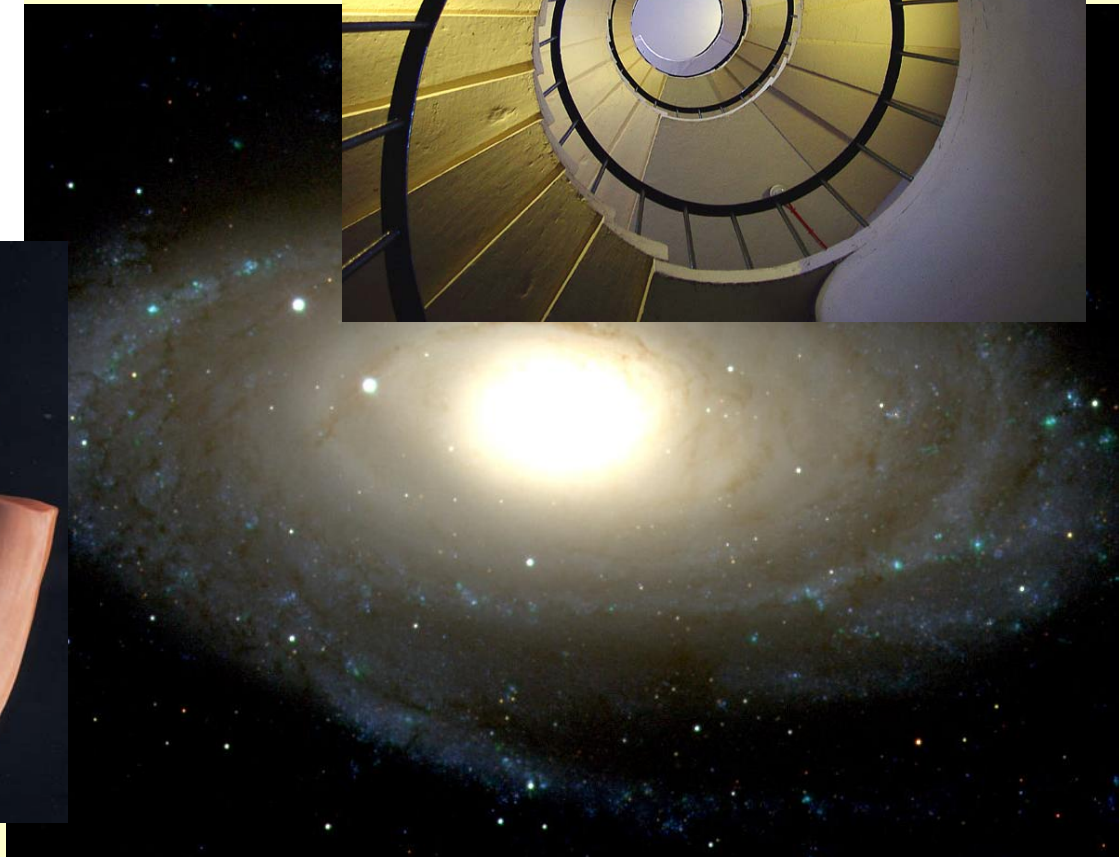
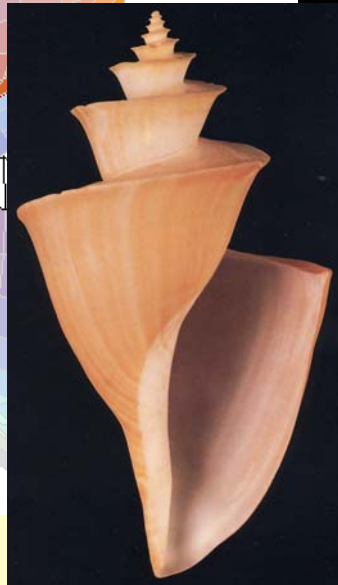
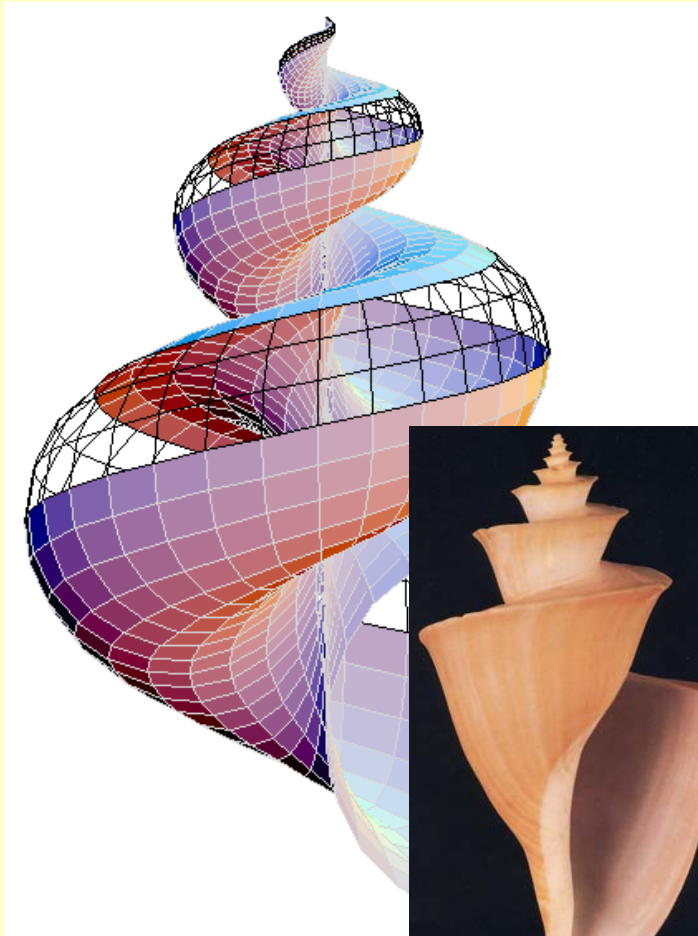
**Data  
Steering  
Committee**

Hertford County Public Schools  
2007-08

# From Accountability to Learning and Back



# Spirals of change begin with small acts



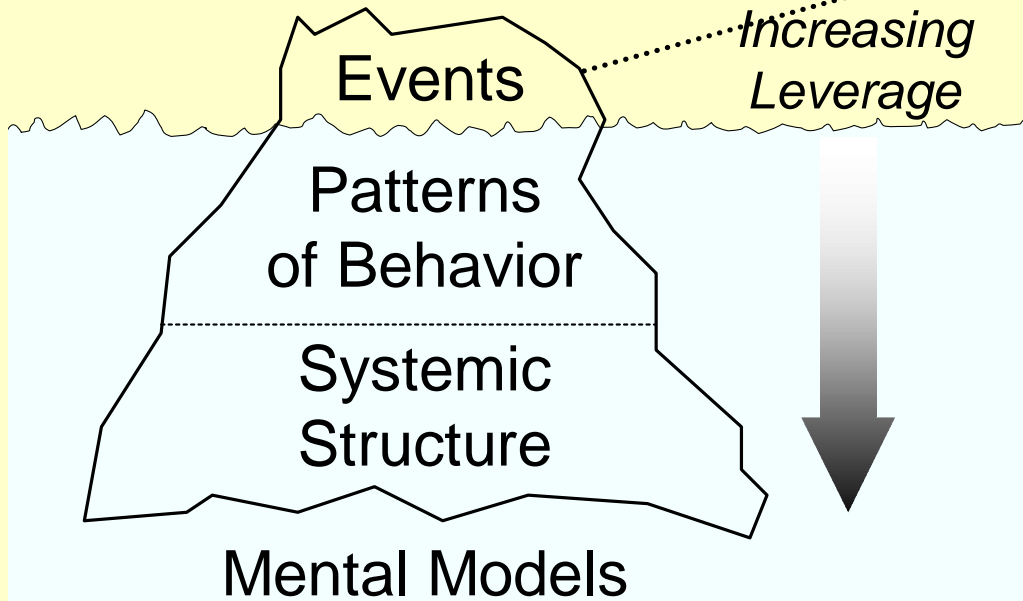
# NSSE Framework

- ◆ Four-Part Framework for Establishing a Comprehensive Knowledge Management System
- ◆ Mining the Data: Collecting and managing pertinent information
- ◆ Analyzing the Data: Analyzing and synthesizing the data to create meaning
- ◆ Communicating the Data: Building understanding by effectively interpreting and reporting the data
- ◆ Using the Data: Maximizing the role of data in decision making and the continuous improvement process

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



## Federal Level

- AYP Requirements 3-8 Reading, Math and Science (07-08) (Performance Only)
- AYP Requirements High School
  - Reading: English I & Grade 10 Writing (or H.S. Comprehensive)
  - Math: Algebra I (or H.S. Comprehensive Math)
  - Biology (07-08)
- % Tested, % Proficient
- OAI: Attendance and Graduation rates
- Safe Harbor
- 140 (70 semester) days membership (Attendance)
- 40 Count minimum
- NAEP

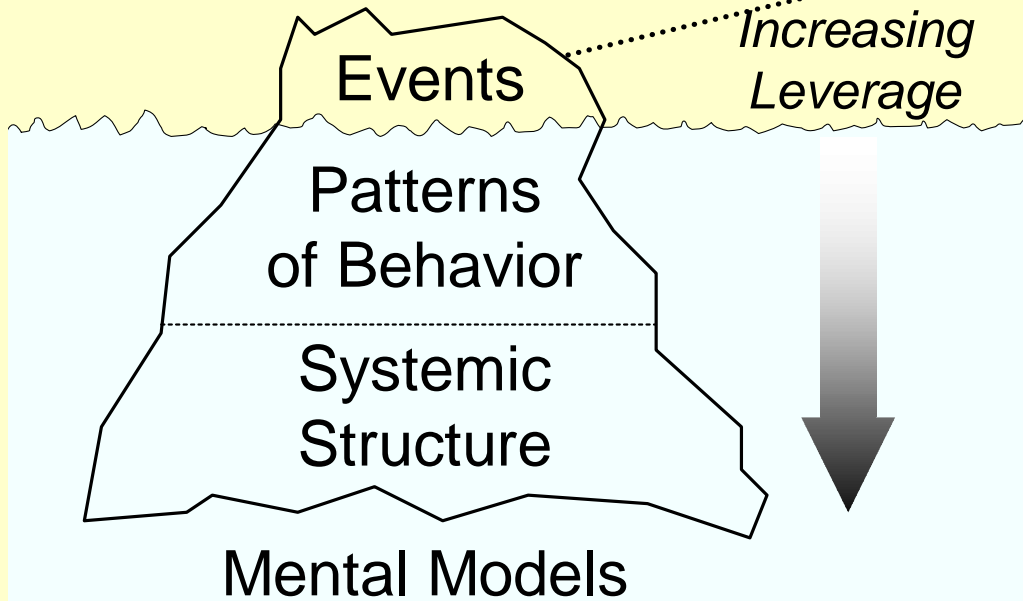
Not used locally in setting targets

- Confidence Interval
- 25% Trajectory growth per year

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



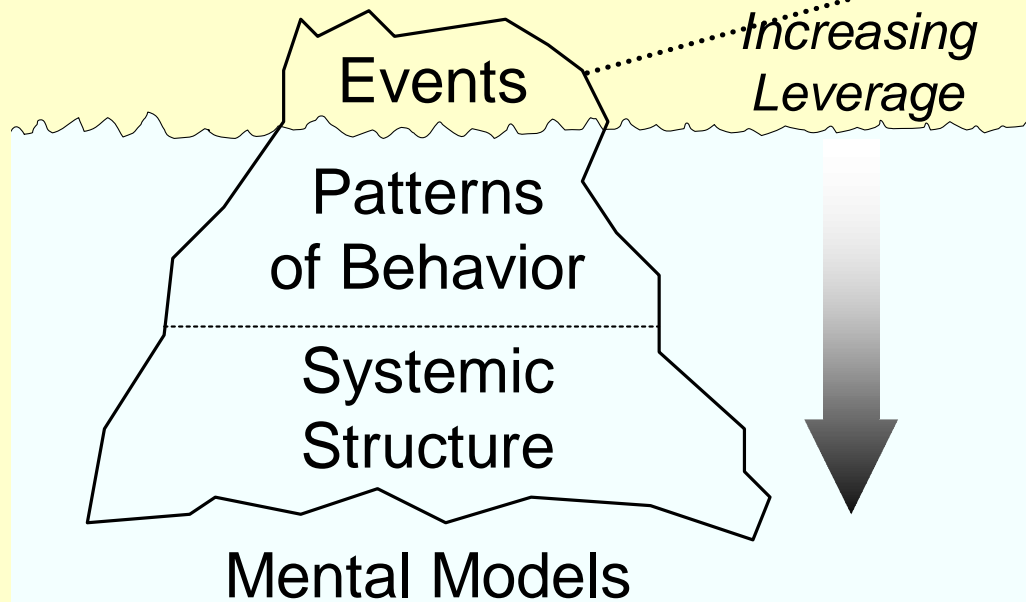
## State Level

- ABCs Performance Composite
- Growth – 3-8 Reading and Math
- 9-12 EOC Subjects and Writing
- Alternative Assessments
  - NCEExtend2 Performance Only
  - NCEExtend1 (Severe Cases)
  - NCCLAS (1<sup>st</sup> Year LEP)
- Dropout rate (Traditional Formula)
- Completer Data
  - College University Prep
  - College Tech Prep
  - Career prep
  - Occupational
- K-2 Assessment
- New Audit file (ABC Tools)

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



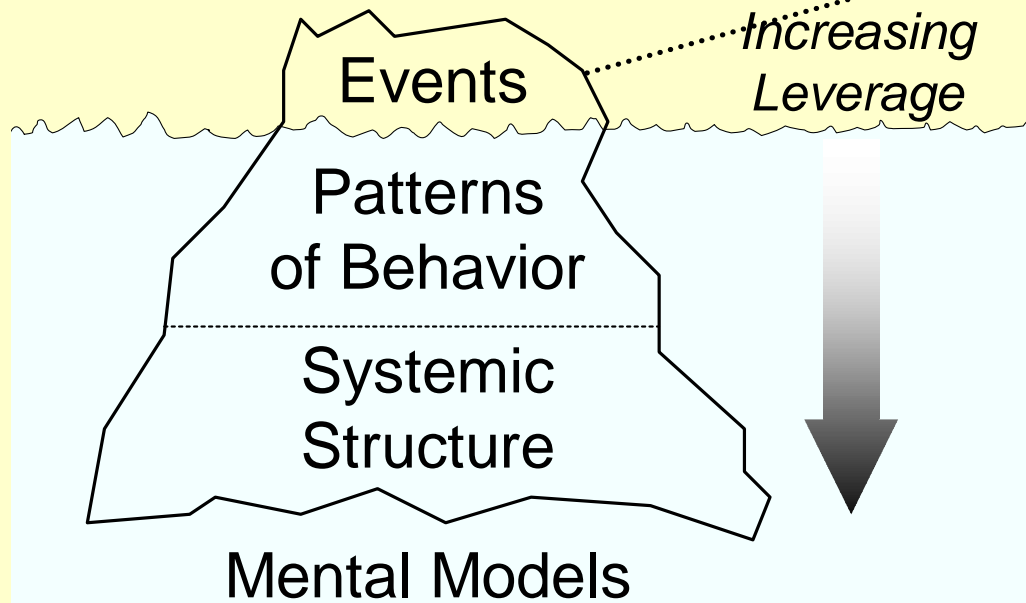
## LEA Level

- AYP Subgroups
- Title I School Improvement (Subgroups)
- District-wide improvement
- Number of schools in school improvement
- Judge Manning – Priority High Schools
- Governor – Priority High Schools
- Science (07-08)
- Goal Summary
- EVAAS
- EduTest
- Plus State Categories

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



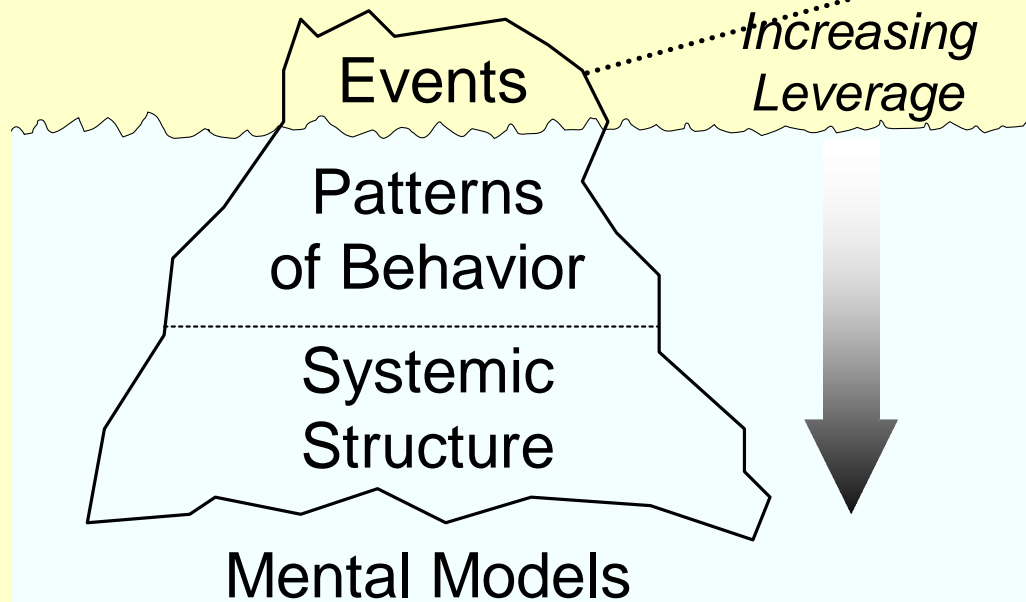
## School Level

- Same as LEA
- Plus Benchmarks (Local)
- % Mastery
- Attendance

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



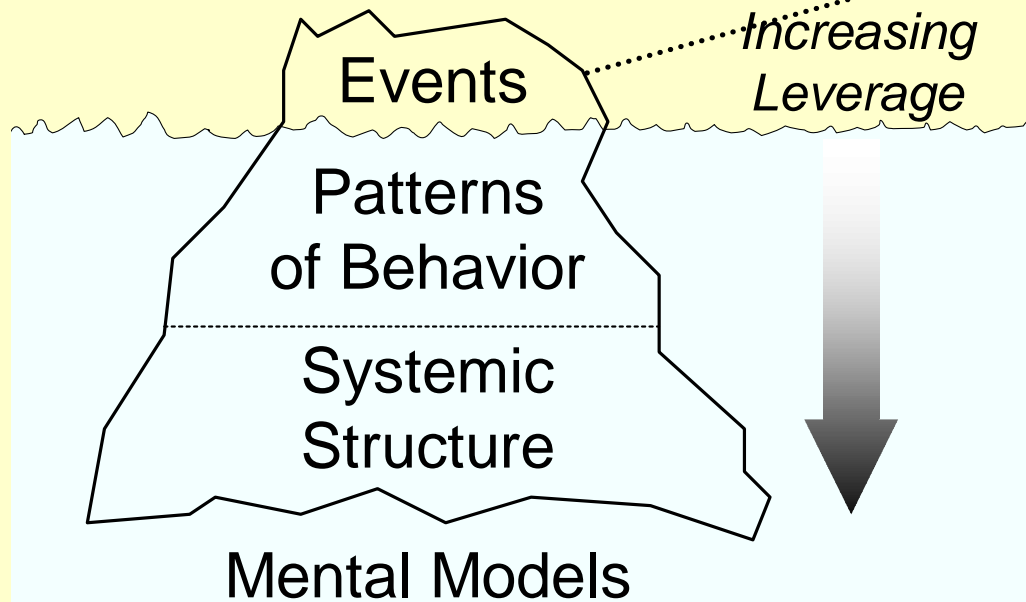
## Grade/Department Level

- Same as School but more specific group
- Benchmarks (Local)
- % Mastery
- Attendance
- Goal Summary

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



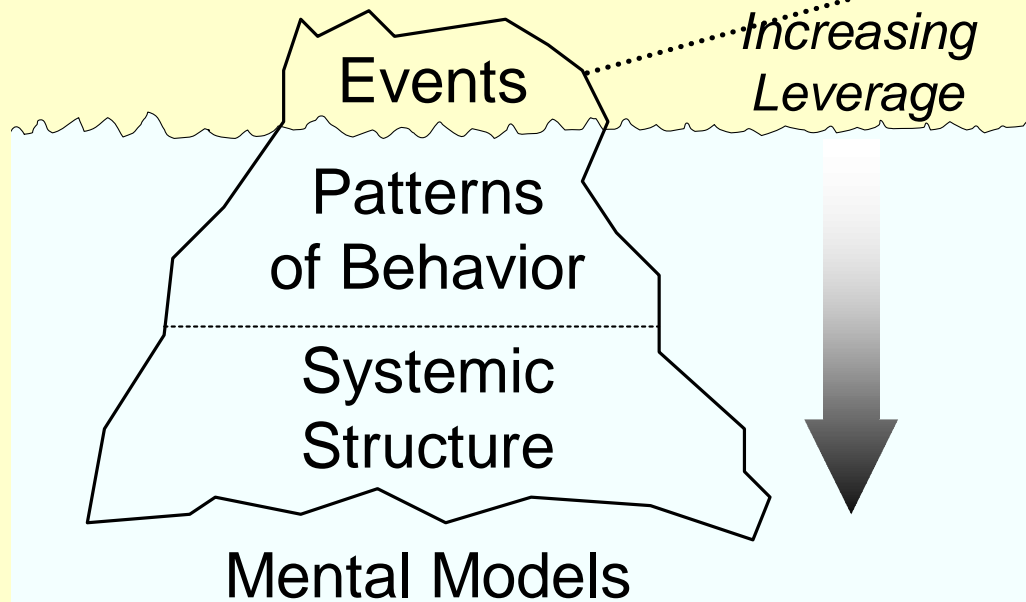
## Classroom Level

- Same as Grade/Department Level but more specific group
- Benchmarks (Local)
- % Mastery
- Attendance
- Goal Summary

# Systemic Improvement and Finding “Mental Models”

The Analogy: Mining Student Performance Data

## The Iceberg



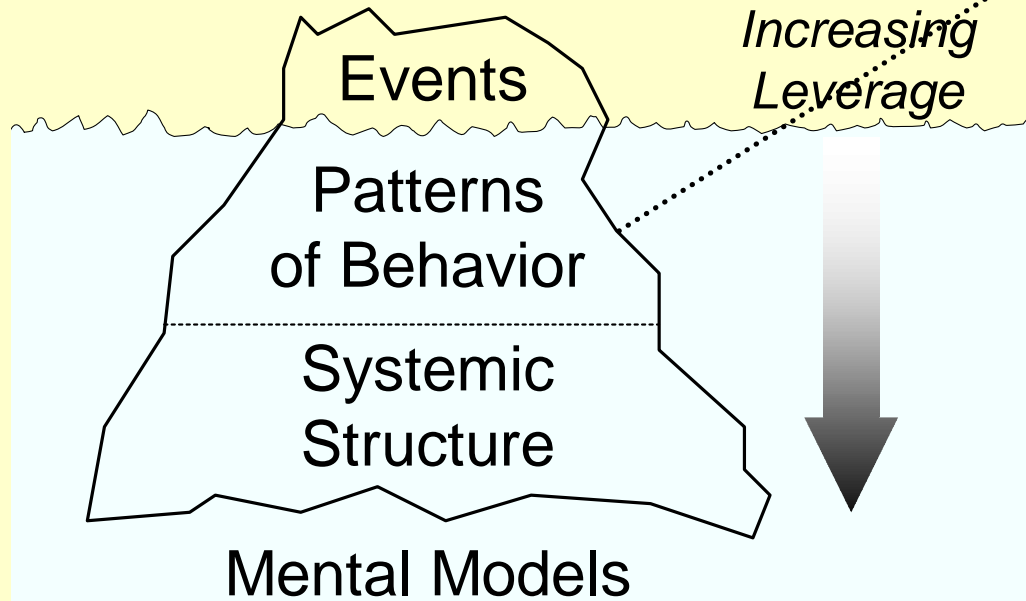
## Student Level

- Individual Student Targets (Academic Change)
- Benchmarks (Local)
- % Mastery
- Individual skill development
- Attendance

# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

## The Iceberg

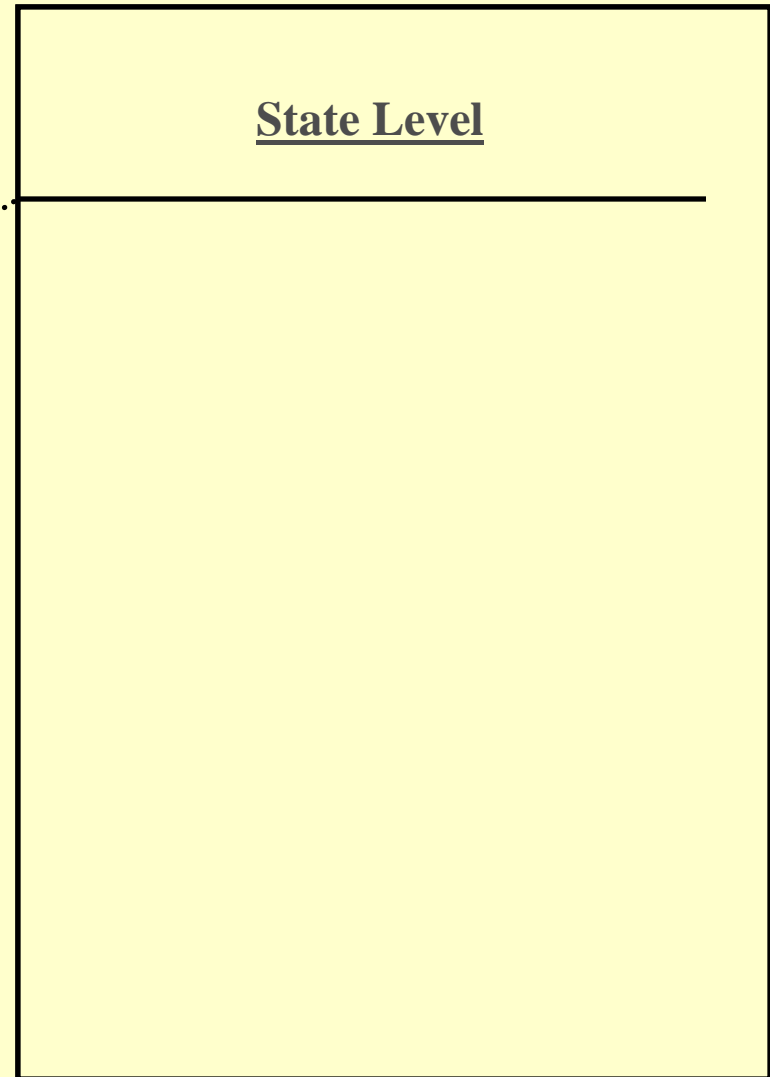
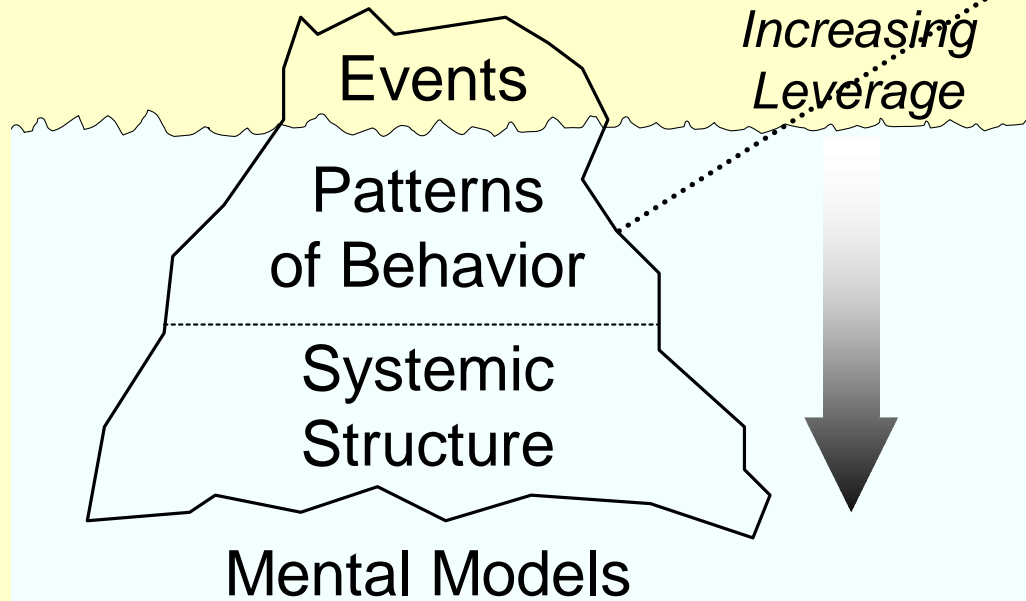


Federal Level

# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

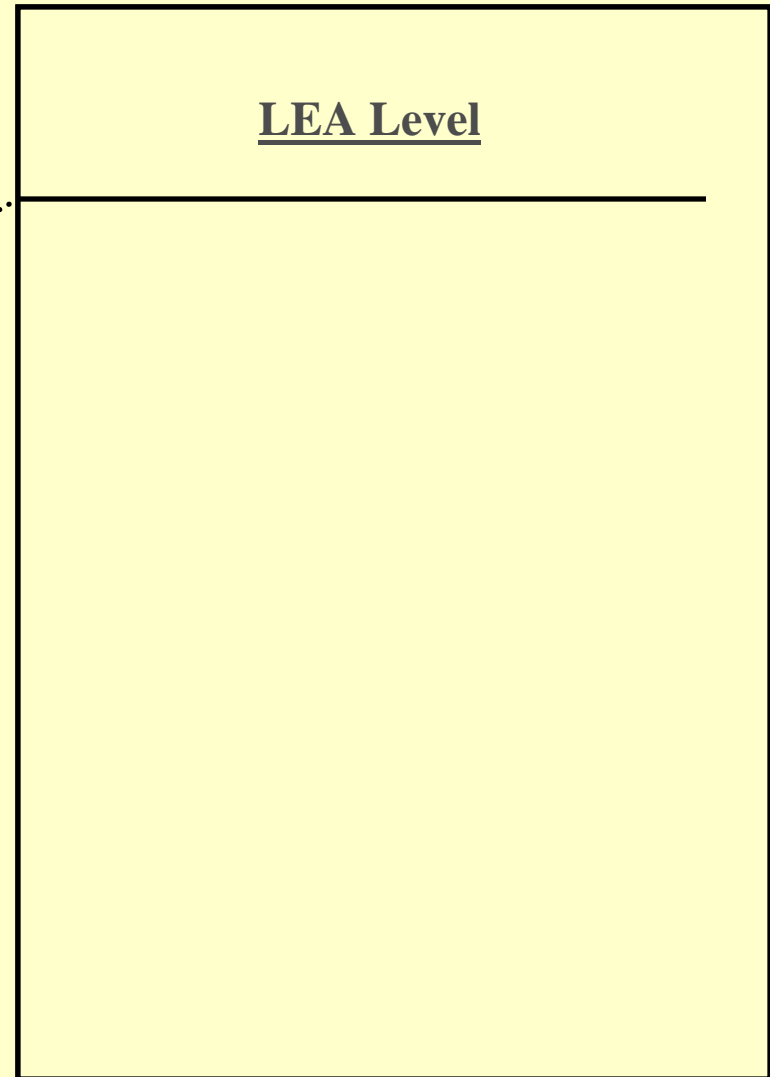
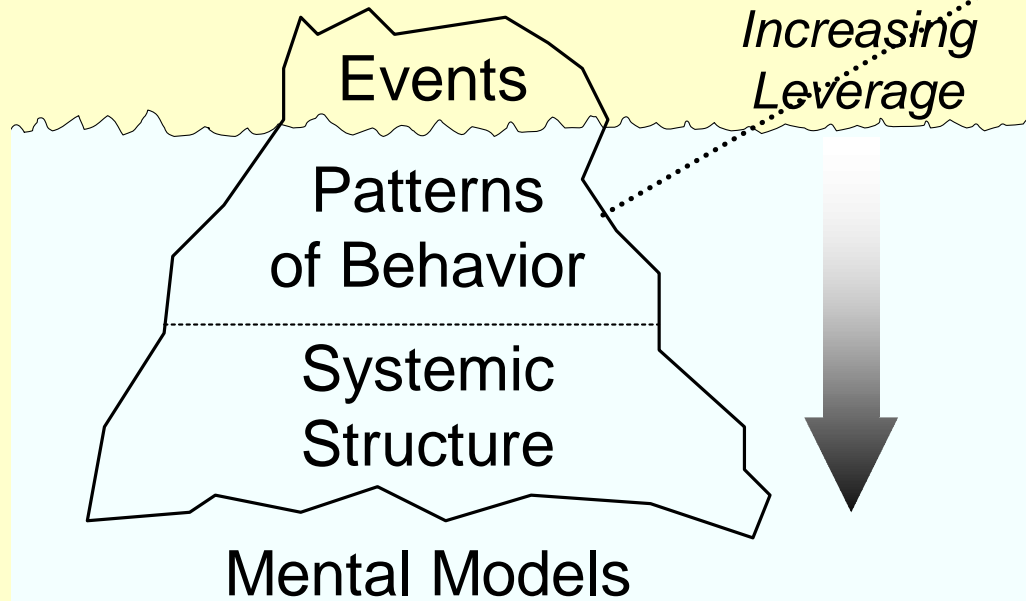
## The Iceberg



# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

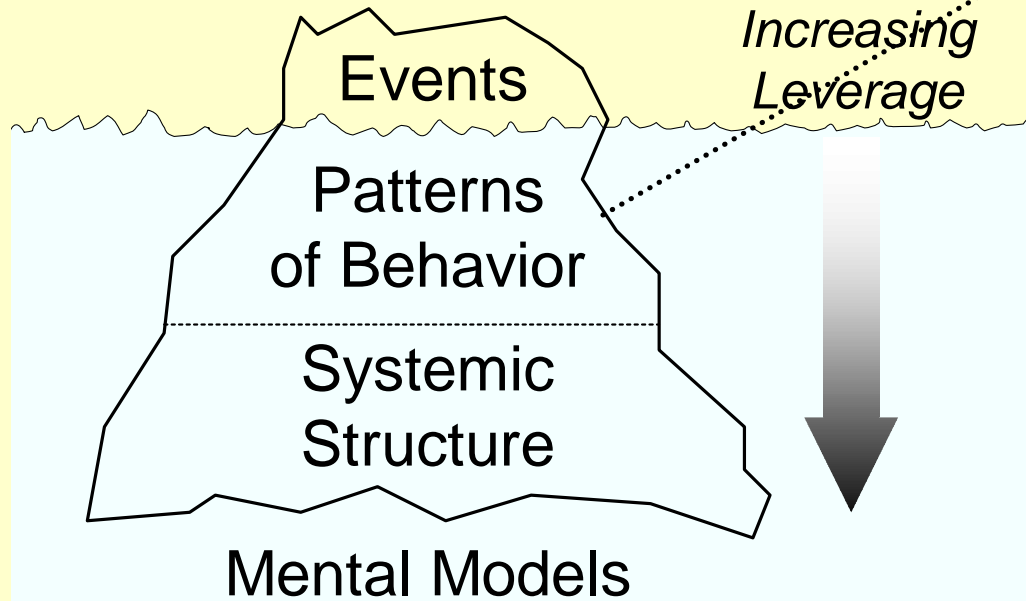
## The Iceberg



# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

## The Iceberg

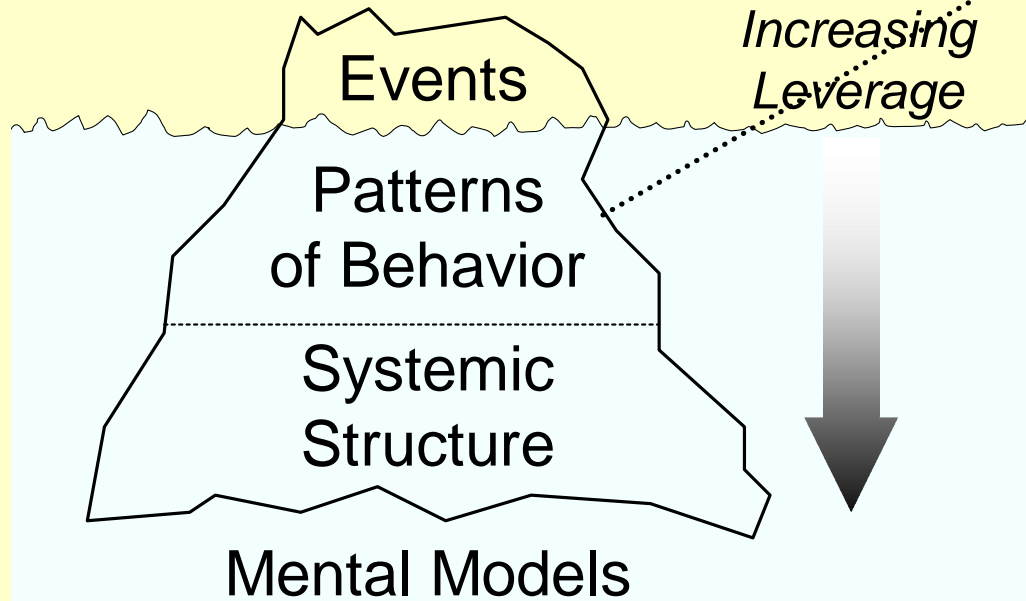


School Level

# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

## The Iceberg

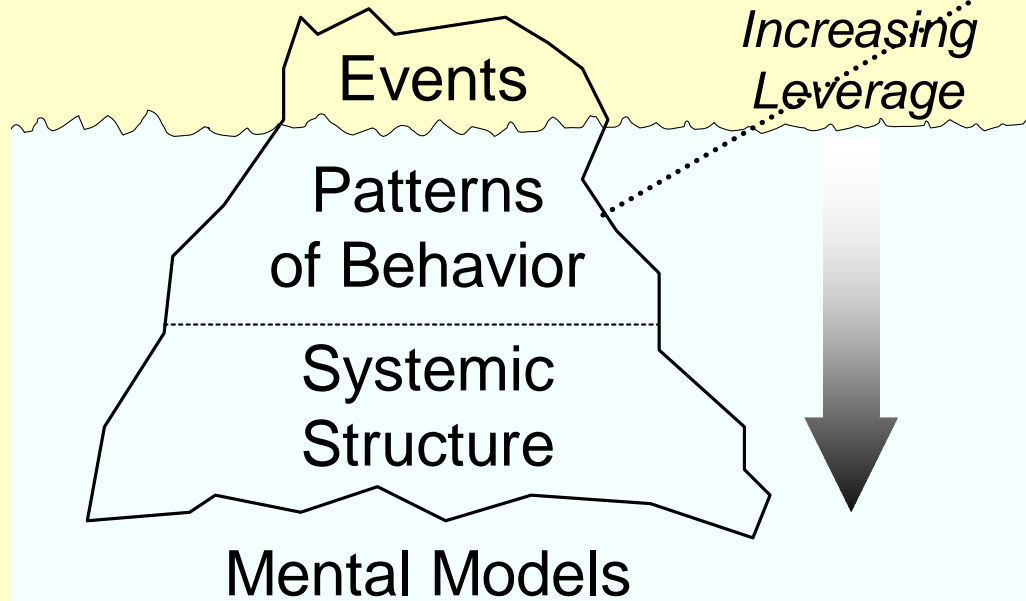


Grade/Department Level

# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

## The Iceberg

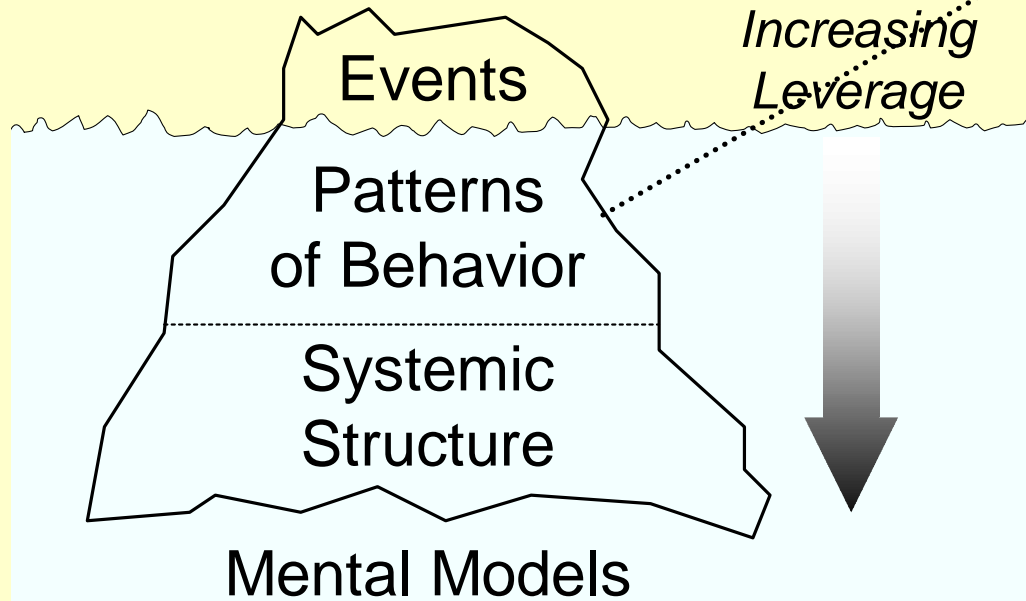


Classroom Level

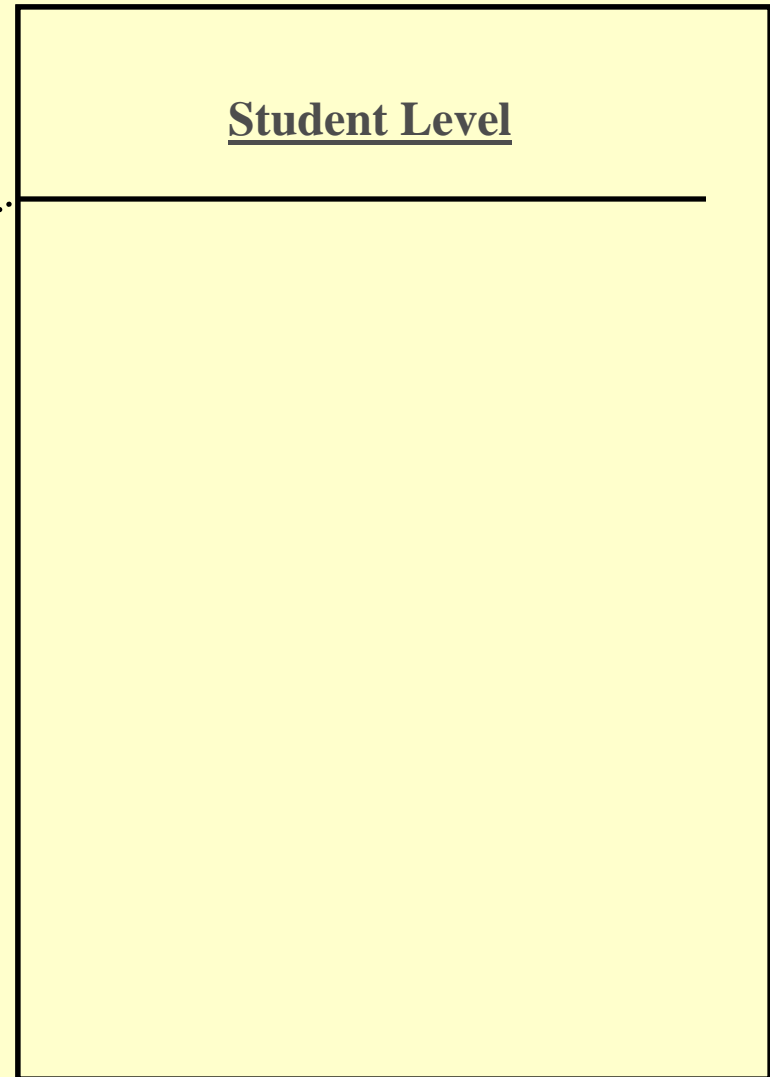
# Systemic Improvement and Finding “Mental Models”

The Analogy: Analyzing Student Performance Data

## The Iceberg



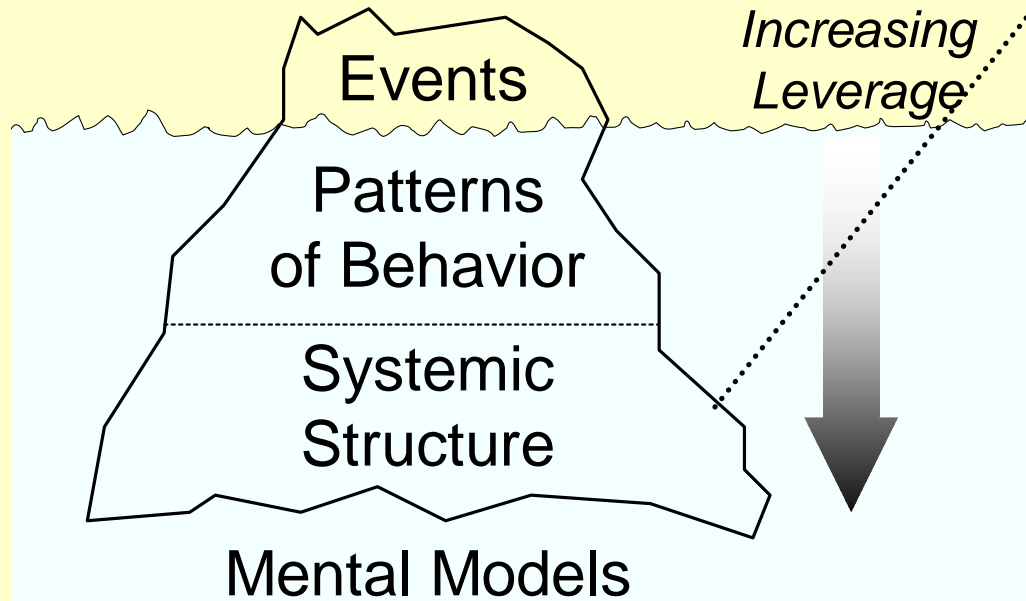
Student Level



# Systemic Improvement and Finding “Mental Models”

The Analogy: Communicating Student Performance Data

## The Iceberg



Federal Level

# Systemic Improvement and Finding “Mental Models”

The Analogy: Communicating Student Performance Data

## The Iceberg

