

To Leave No Child Behind:

Challenges and Opportunities in
Conducting Research during Phase
Two of the Austin Blueprint

Applying Multiple Social Science Research
Methods to Educational Problems:

A National Forum

The National Academies

December 14, 2004



CHALLENGE

Designing an Adequate Research Model

The Austin Blueprint has 10 components:

- Some components are resource-dependent
- Some components are implemented before others
- All components are implemented in a school context

Designing an Adequate Research Model

Opportunities for Addressing this Challenge

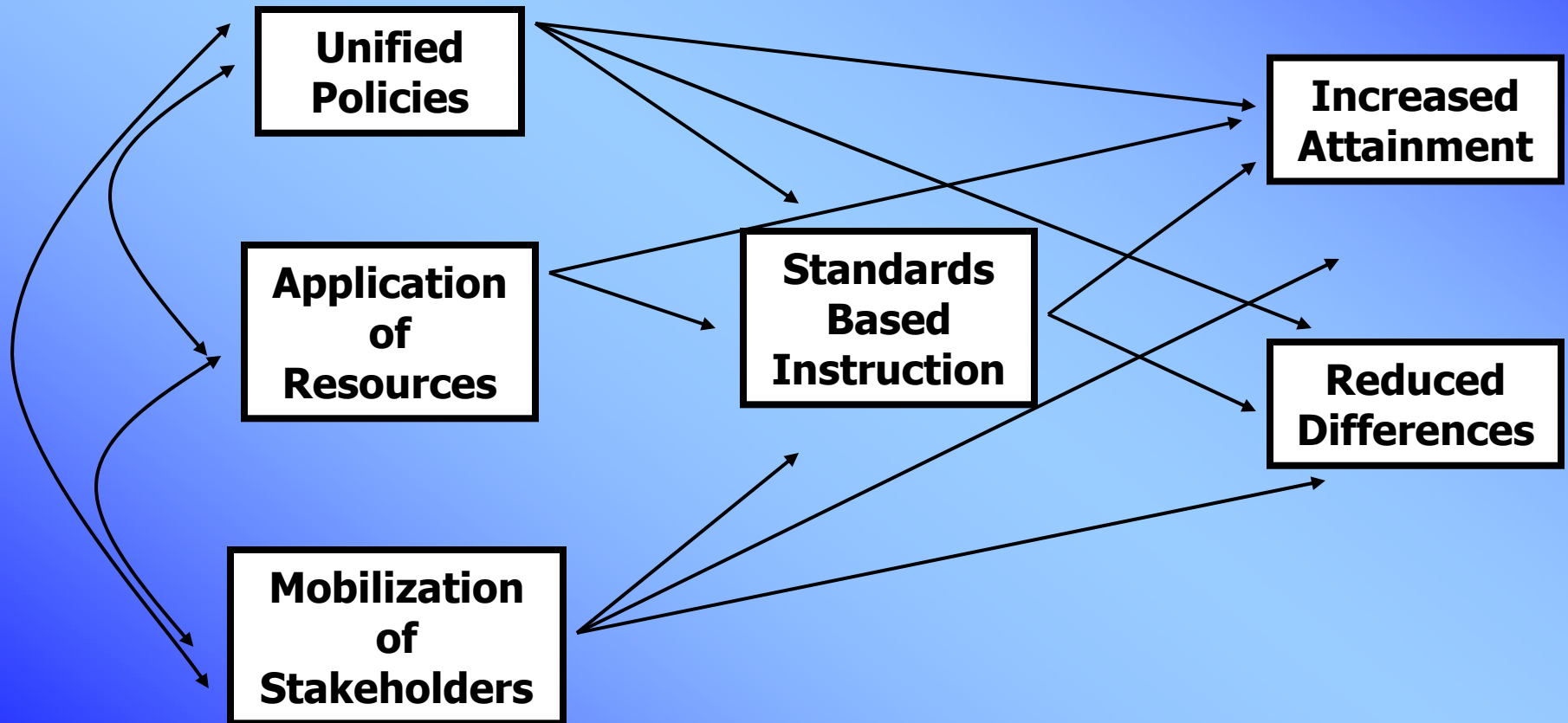
- Austin ISD is a large urban district with an adequate number of elementary schools for conducting a randomized experiment with controls
- Texas student assessment data is linked to specific classroom teachers
- And, parents, principals, teachers and other stakeholders appear to be on-board
- District administrative staff are also supportive of the Austin Blueprint

Research Questions

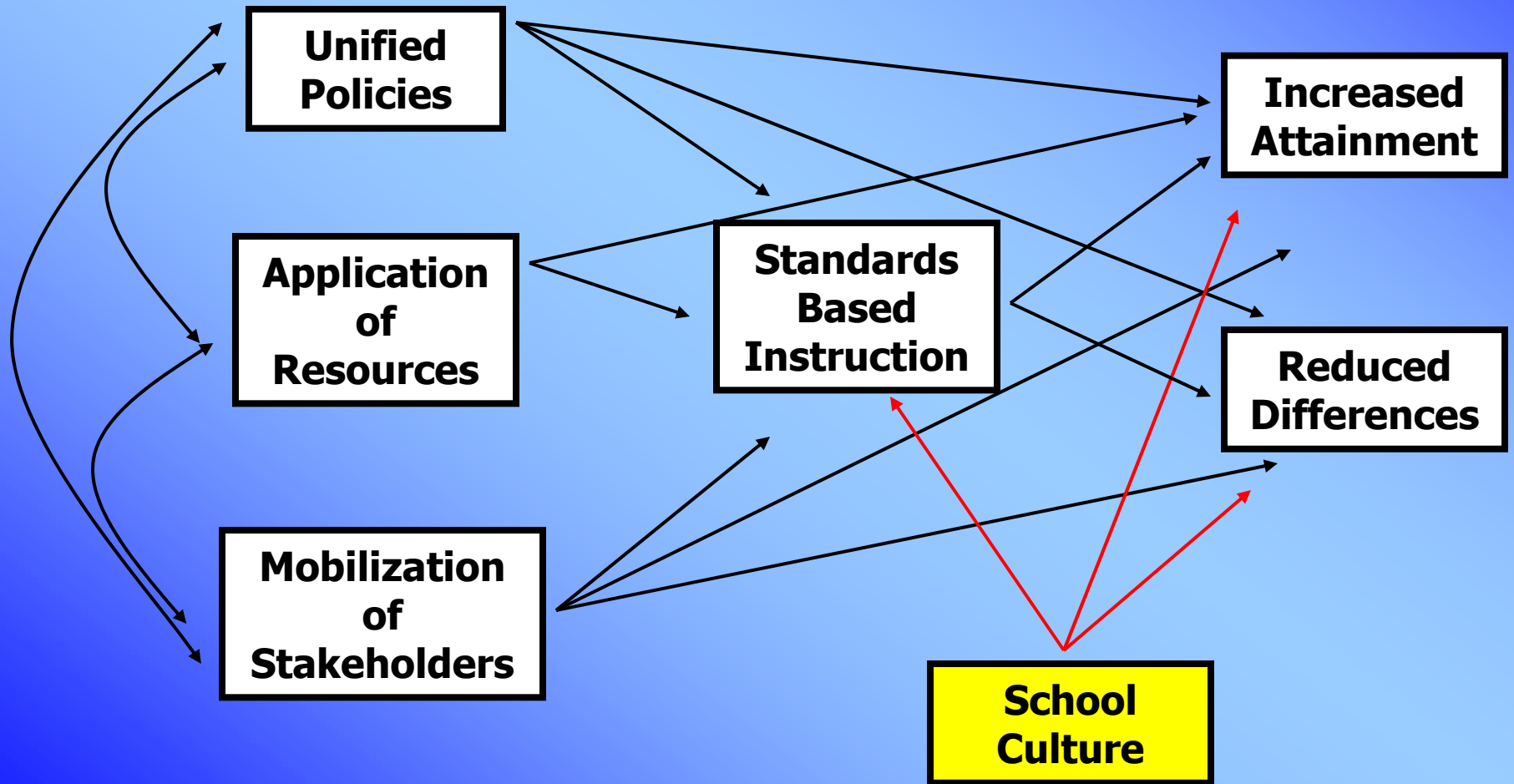
- How are the components of the Austin Blueprint interrelated?
- How do components of the Austin Blueprint contribute to outcomes of interest?

Designing an Adequate Research Model

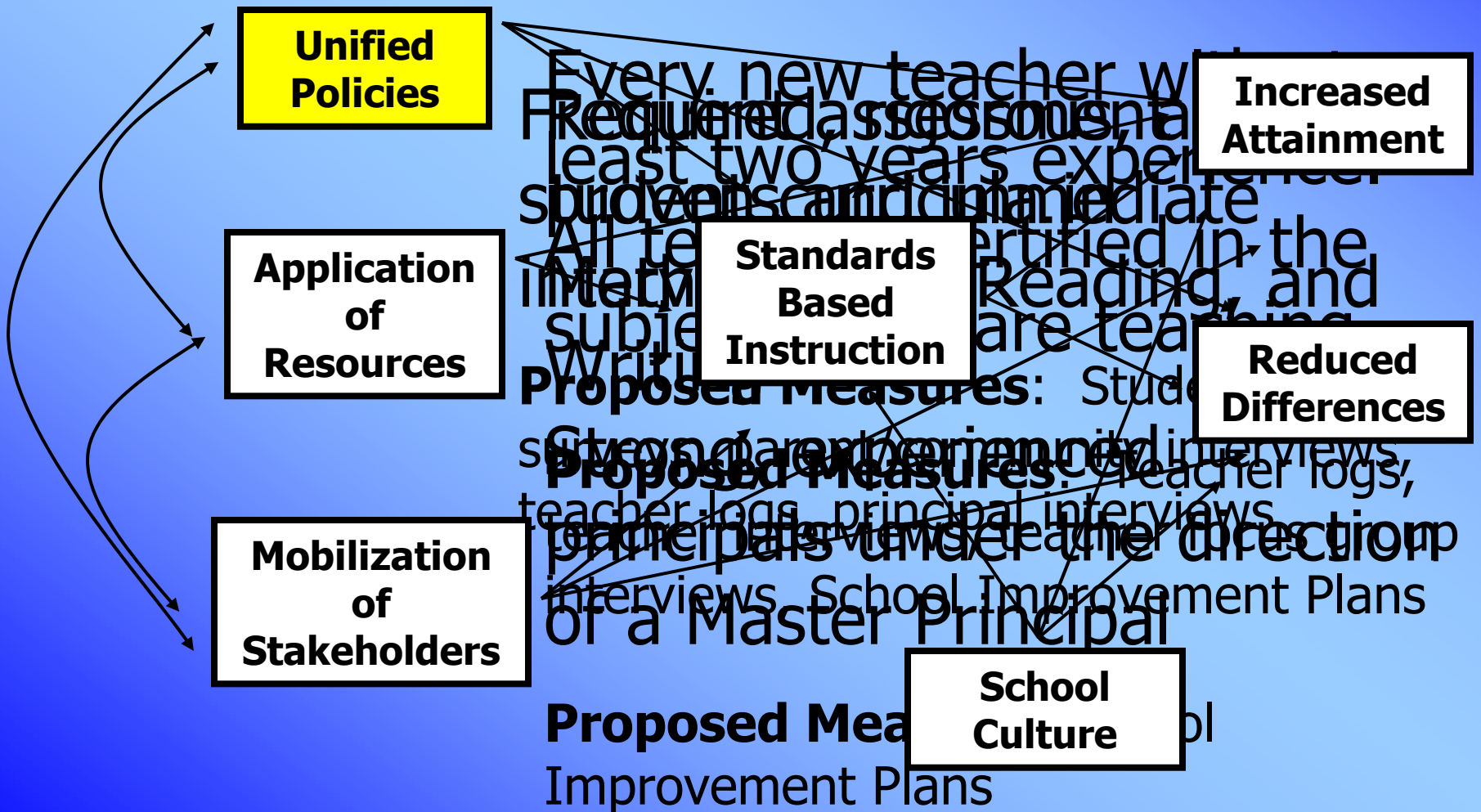
NSF Six-Driver Model:



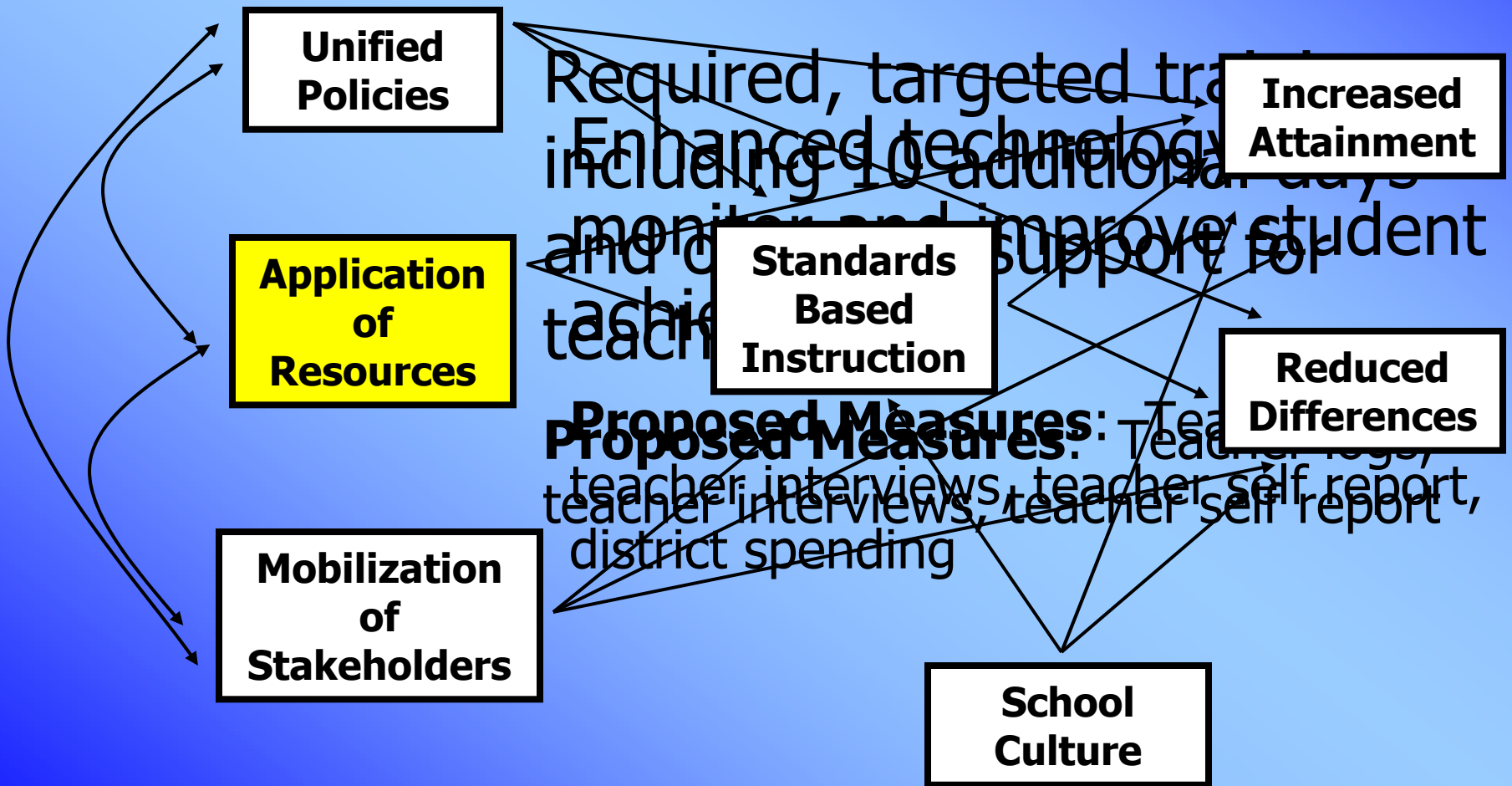
Revised NSF Driver Model



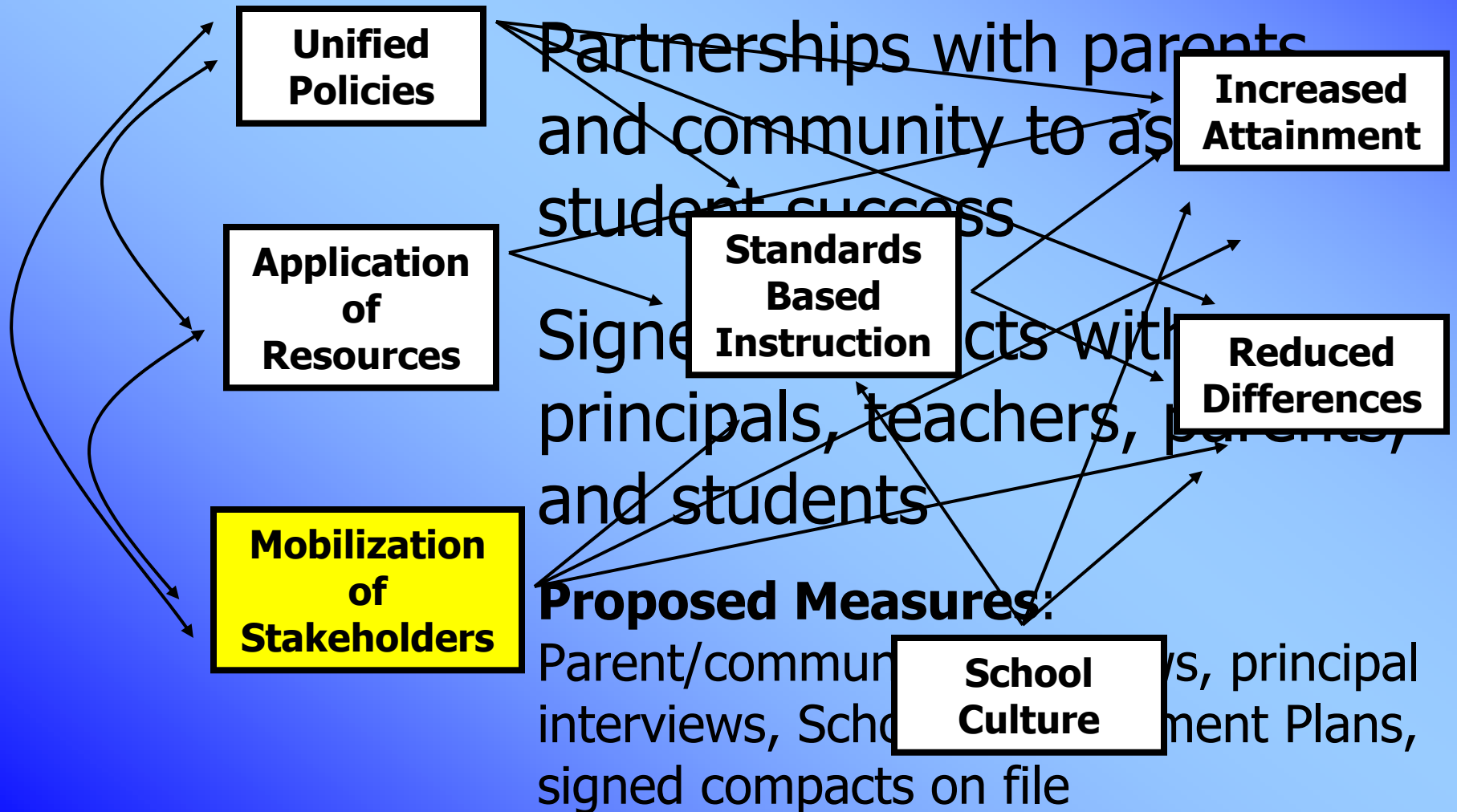
Proposed Austin Blueprint Structural Model: Component 1



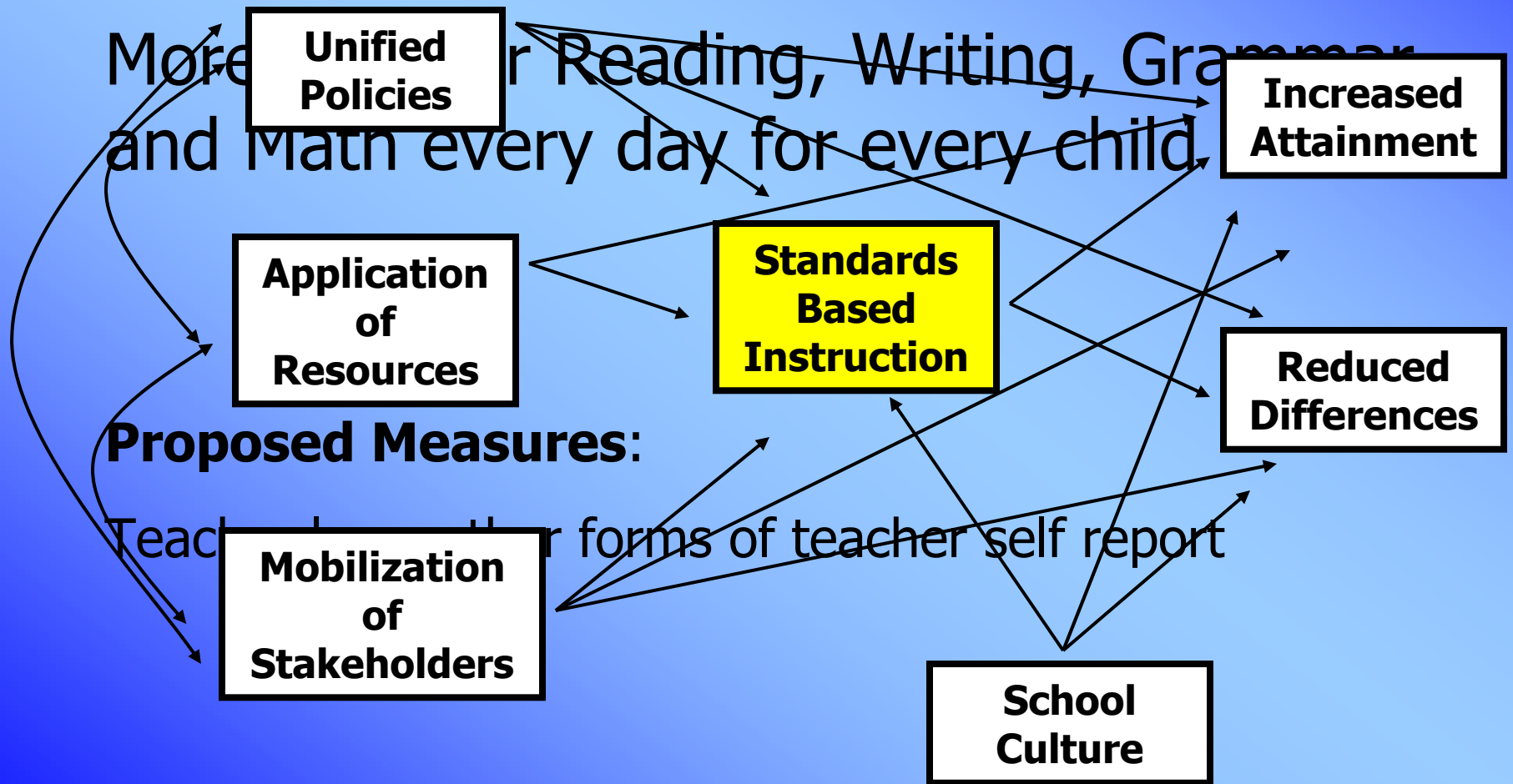
Proposed Austin Blueprint Structural Model: Component 2



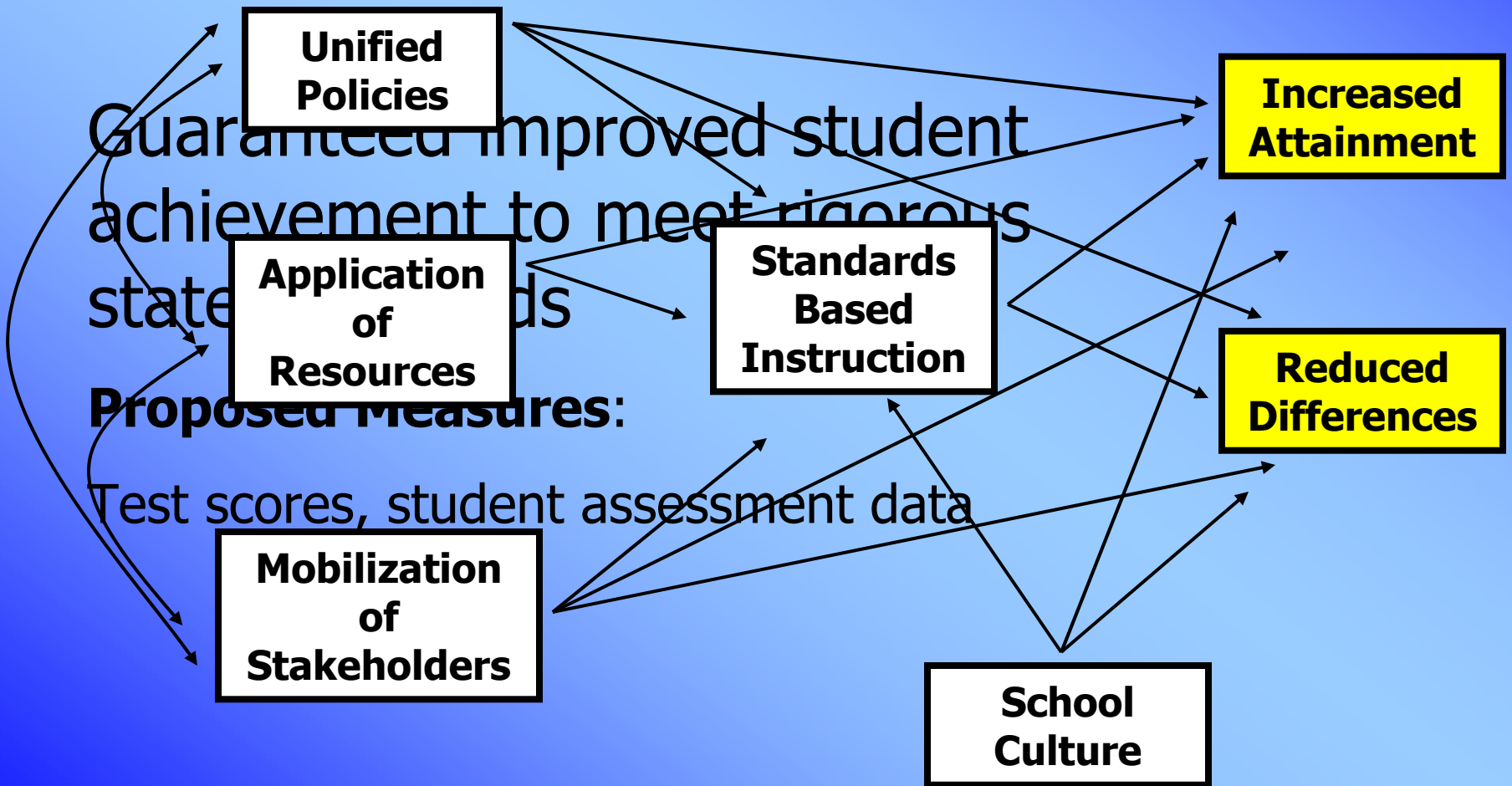
Proposed Austin Blueprint Structural Model: Component 3



Proposed Austin Blueprint Structural Model: Component 4



Proposed Austin Blueprint Structural Model: Components 5 & 6



Proposed Austin Blueprint Structural Model: New Component

