

MISSOURI STATE BOARD OF EDUCATION AGENDA ITEM:**March 2016****REPORT ON DATA TO IMPROVE THE QUALITY OF INSTRUCTION****STATUTORY AUTHORITY:**

Section 161.092, RSMo

Consent
ItemAction
ItemReport
Item**DEPARTMENT GOAL NO. 3:**

Missouri will prepare, develop, and support effective educators.

SUMMARY:

What does it mean to use data to improve the quality of instruction? A good deal of research supports the concept of using data to more effectively instruct students.

“Using data to drive improvement” was identified as a key to success in a report developed by the National Education Goals Panel after a series of hearings designed to find examples of successful schools and to understand why those schools were succeeding. Specifically, the successful schools “use performance information to determine where they were succeeding and where they needed to direct their efforts for improvement” (Rothman, 2000).

This presentation will outline resources being offered by the Department to school districts to assist them in their efforts to use data to positively impact the quality of instruction. This presentation will also feature two administrators who will describe how this occurs in their schools.

PRESENTERS:

Paul Katnik, Assistant Commissioner, Office of Educator Quality; Stephen Barr, Assistant Commissioner, Office of Special Education; Jenni Hayes, Principal, Lafayette County C-1; and Scott Hayes, Assistant Superintendent, Gasconade County R-II, will assist with the presentation and discussion of this agenda item.

Using Data to Improve Instruction

**Presentation for
Missouri State Board of Education**

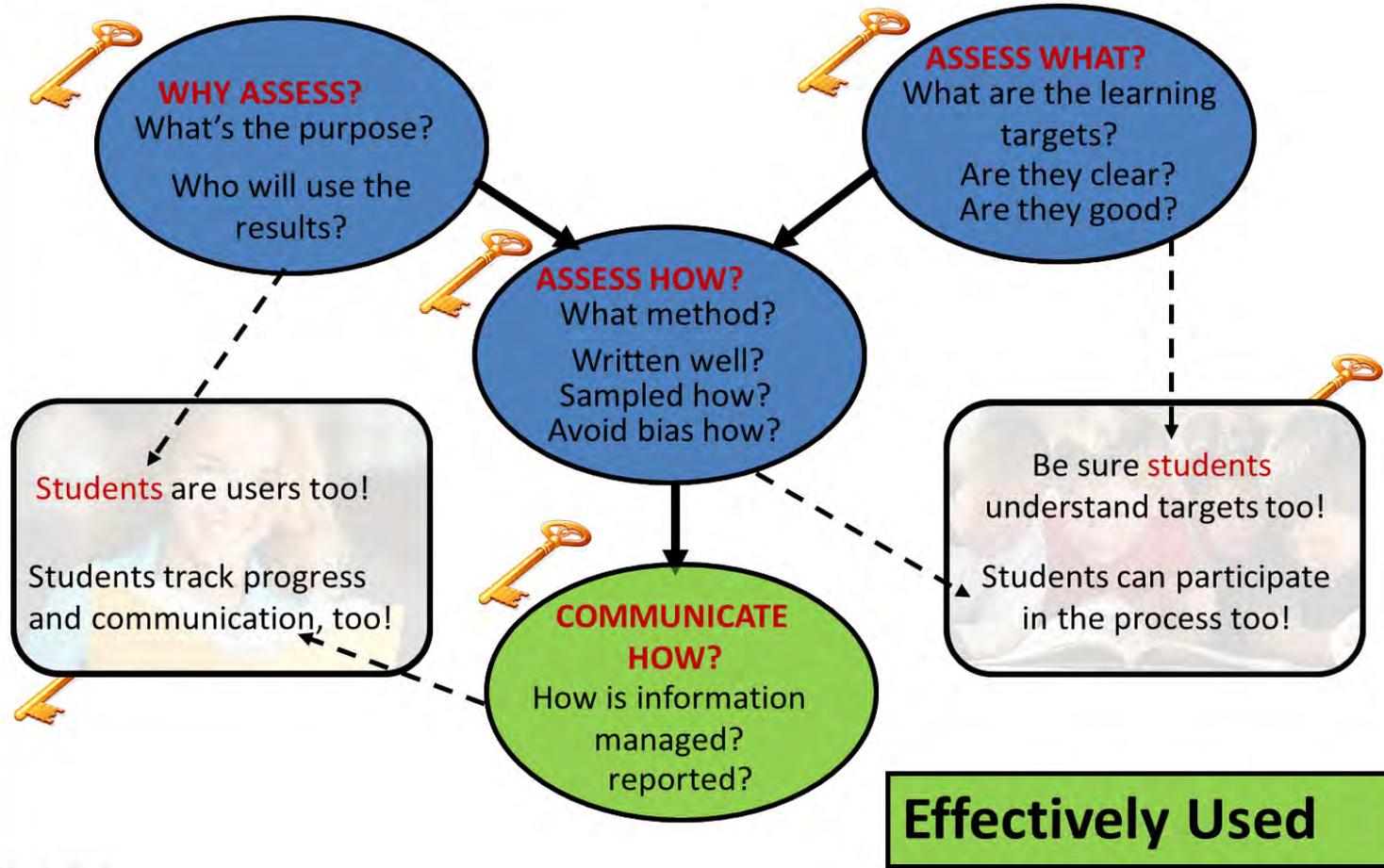
March 2016



Statewide System of Support

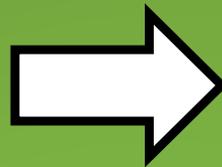
- Training modules on effective:
 - Leadership
 - Collaborative culture
 - Teacher/learner practices
 - Assessment
 - Data-based decision making
 - Student/family/community engagement

Accurate Assessment



Using Student Growth Measures

**Student
Learning
Objectives
(SLOs)**



**Instructional
Reform**

*Monitoring student-level data guides adjustments
made to instruction*

Student Growth Measures in Educator Evaluation

- Student Learning Objective Planning Template
 - Baseline & Trend Data
 - Student Population(s)
 - Interval of Instruction
 - Learning Content
 - Assessment
 - Instructional Strategies
 - Growth Targets
 - Feedback

Student Growth Measures in Educator Evaluation

- Quality Rating Rubric
 - Low quality to high quality
 - Examples of best practice
 - Blueprint for improvement

Student Growth Measures in Educator Evaluation

□ Department Resources

- Teacher SLOs: Applying a Quality Continuum
- Principal Prompts for Evidence-Based Evaluations
- Planning Instructional Strategies
- SLO Tool for School Leaders
- Deciding on Learning Content
- Setting Growth Targets: Field-Tested Practical Guidance
- Quality Assessments

How Data is used to Improve Instruction

Jenni Hayes, Principal
Lafayette County C-1

Scott Hayes, Assistant Superintendent
Gasconade County R-II

Questions ??

