



# The Affect of the Effect: Formative Assessment in Secondary English/ Language Arts Education

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# IMPROVING STUDENT LEARNING

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## **DEFINING FORMATIVE ASSESSMENT**

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**Formative assessment (FA) is a term**

*encompassing all those activities undertaken by teachers, and/or by their students, which provide information to be used as feedback to modify the teaching and learning activities in which they are engaged.*

**(Black & Wiliam, 1998, pp. 7-8)**

## ***THE AFFECT OF THE EFFECT***

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### ***Research on the effect of FA on the improvement of student learning***

- ❖ **0.4 to 0.7 (Black & William, 1998)**
- ❖ **0.2 to 0.25 (Kingston & Nash, 2011)**
  - ❖ **0.17 for mathematics**
  - ❖ **0.09 for science**
  - ❖ **0.32 for English/Language Arts (ELA)**

# FA IN SECONDARY SCIENCE AND MATHEMATICS



## ***Empirical research***

- ❖ **Characteristics of FA in science education (Bell & Cowie, 2001)**
- ❖ **Assessments for learning with secondary science and math teachers (William et al., 2004)**
- ❖ **Embedded formative assessment with middle school science teachers (Yin et al., 2008)**

### ***Empirical research***

- ❖ **Effects of professional development on math teaching and student achievement (McGatha et al., 2009)**
- ❖ **FA intervention for student understanding of mathematical principles (Phelan et al., 2011)**

### ***Empirical research***

- ❖ **Actual classroom assessment practices of secondary science, social studies, math, and English teachers (McMillan, 2001)**
- ❖ **Assessment for instructional practices in secondary English and math (Hodgen & Marshall, 2005)**

## FA IN SECONDARY ELA



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### ***Empirical research***

- ❖ **ELA teachers using assessment data to guide instruction (Fisher et al., 2006)**
- ❖ **Creation of error analysis tool for use in secondary writing teachers' assessment practices (Frey & Fisher, 2013)**



# IMPLICATIONS FOR FUTURE RESEARCH

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**Thank you!**

*Questions? Comments?  
Suggestions? Please contact me:*

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