

# 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 & Wiliam, 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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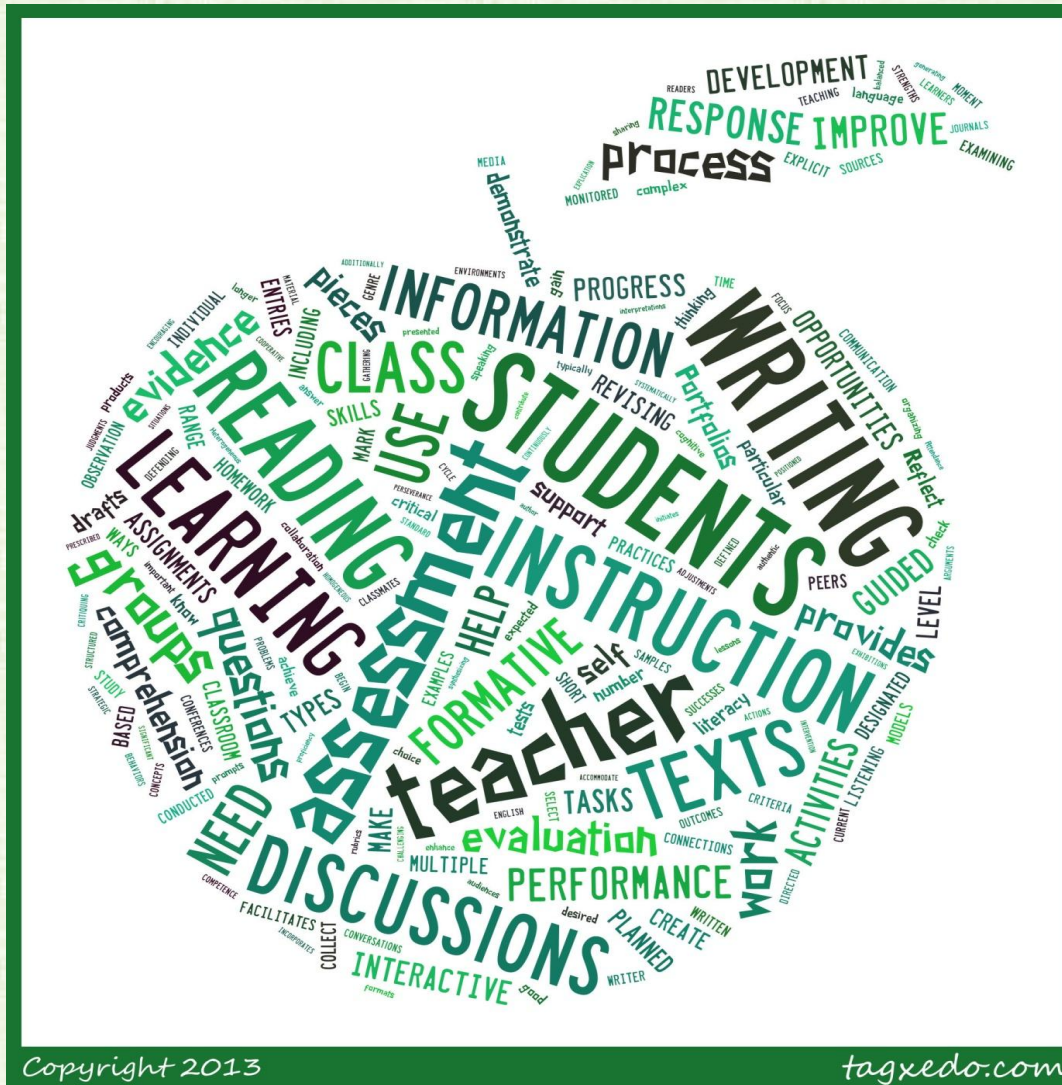


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### *Empirical research*

- ❖ **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)**

# FA IN SECONDARY ELA: ANECDOTAL REPORTS



From Fisher et al., 2006; Frey & Fisher, 2013; FitzPatrick, 2008; Gorlewski, 2010; Hunter et al., 2006; Lawrence et al., 2009; Murphy, 1997; Murphy & Smith, 2013; Noskin, 2013; Pappageorge, 2013; VanDeWeghe, 2006

## IMPLICATIONS FOR FUTURE RESEARCH

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A stack of several books of varying thicknesses and colors (red, brown, blue, green) is visible on the left side of the image. The books are stacked vertically, with some showing their spines and others showing their pages.

# Thank you!

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

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