



# ANTICIPATORY SETS

ANNE C. DEUTSCH, SUNY NEW PALTZ  
BRANDON K. WEST, SUNY GENESEO

TAKE A FEW MINUTES TO IMAGINE WHAT STUDENTS  
ARE DOING DURING THE FIRST FEW MINUTES OF  
CLASS TIME IN AN IDEAL SCENARIO. WHEN YOU'RE  
READY, DRAW WHAT IS HAPPENING  
(REALISTIC OR ABSTRACT).  
THERE IS ONLY ONE RULE —  
**NO WORDS.**

**FROM OUR WORK TODAY YOU WILL BE ABLE TO  
DEVELOP AND DELIVER ANTICIPATORY SETS THAT  
ACTIVATE STUDENTS' EXISTING KNOWLEDGE  
AND/OR ENGAGE INTEREST IN ORDER TO FOSTER  
MEANINGFUL LEARNING IN THE CLASSROOM.**

# MASTERY TEACHING

MADELINE HUNTER



Increasing Instructional  
Effectiveness  
In  
Elementary,  
Secondary Schools,  
Colleges and Universities

**“From now on you will know what you are doing when you teach, why you are doing what you do, and do that consciously and deliberately to increase your students’ learning.”**

# Anticipatory Sets



**FOCUS STUDENTS ON LEARNING**

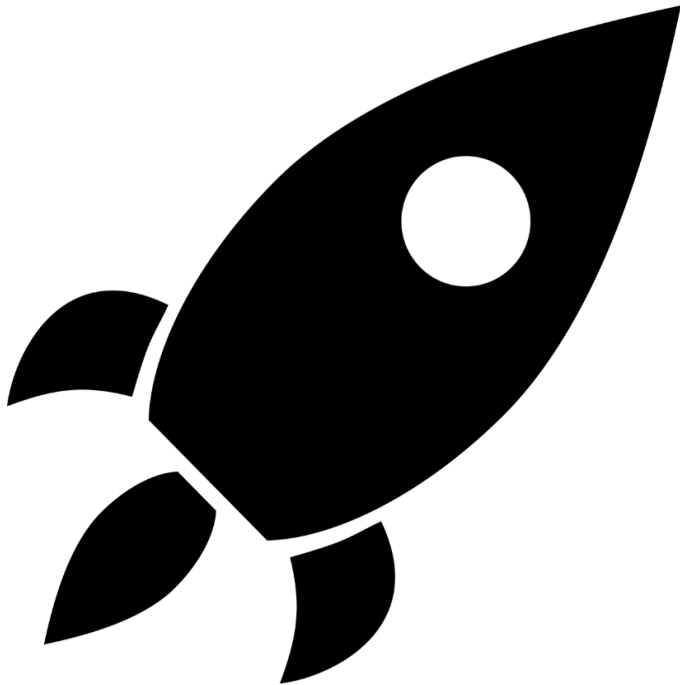


**GIVE STUDENTS PRACTICE TO HELP THEM ACCOMPLISH  
LEARNING OBJECTIVES**



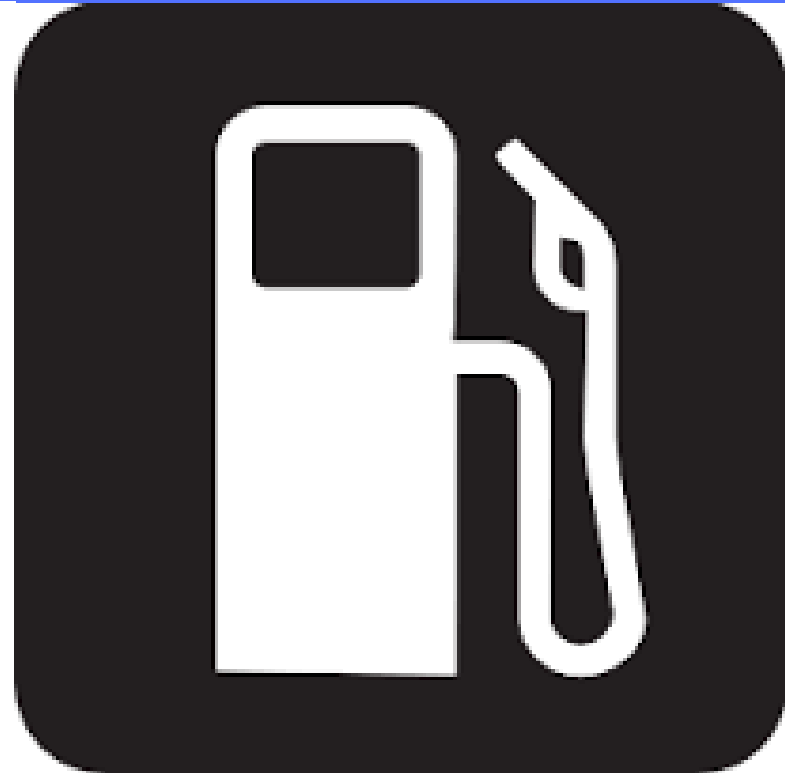
**GIVE INSTRUCTOR DIAGNOSTIC INFORMATION ABOUT  
ENTRY BEHAVIOR**

# PRIME TIME



**Anticipatory  
Set**

**FOLLOWED BY**



**Student  
Learning  
Objectives**



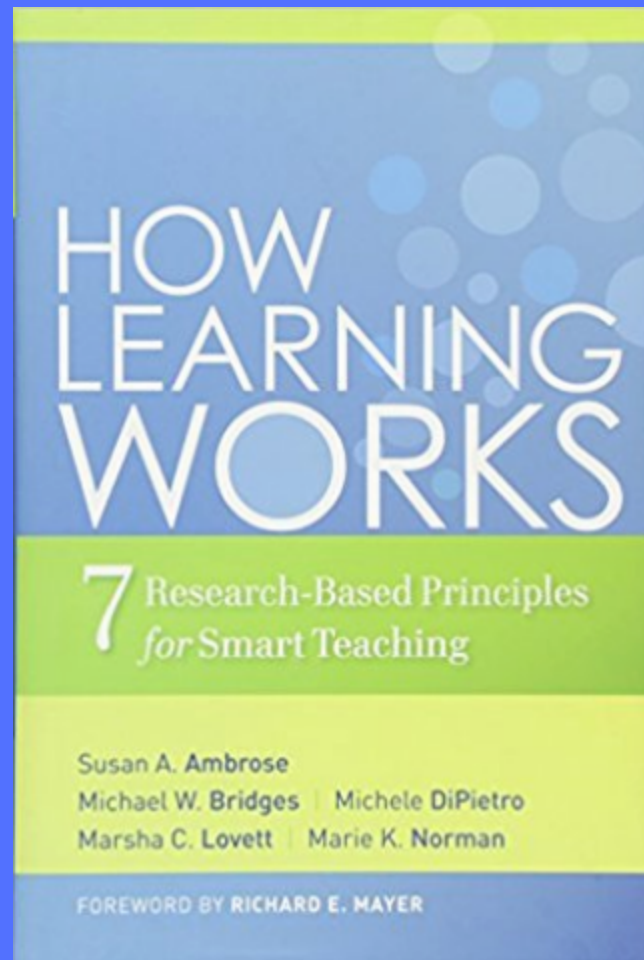
FROM OUR WORK TODAY YOU WILL BE ABLE TO  
DEVELOP AND DELIVER ANTICIPATORY SETS THAT  
ACTIVATE STUDENTS' EXISTING  
KNOWLEDGE AND/OR ENGAGE INTEREST IN ORDER TO  
FOSTER MEANINGFUL LEARNING IN THE CLASSROOM.

**"WE UNDERSTAND NEW THINGS IN THE  
CONTEXT OF THINGS WE ALREADY  
KNOW, AND MOST OF WHAT WE KNOW  
IS CONCRETE."**

**"Why Don't Students  
Like School?"  
Daniel T. Willingham**

**"ALL LEARNING INVOLVES TRANSFER  
FROM PREVIOUS EXPERIENCES."**

**"How People Learn"  
National Research Council**



## Chapter 1: How Does Students' Prior Knowledge Affect Their Learning?



EXIT 44B

Baseline Street



EXIT  ONLY

**STRANGER**

**! DANGER !**



# ANALOGIES



**SIMPLE**

**LOW-PREP**

**SHOWS SIMILARITIES  
BETWEEN CONCEPTS**

**Analogy: Research as Puzzle**

# REPLICATE A FAMILIAR INFORMATION TASK

The screenshot shows the Amazon website interface for a search query of "boots". At the top, the Amazon Prime logo is on the left, and the search bar contains "boots". To the right of the search bar, there are navigation links for "See what's coming Prime Video", "Hello, Brandon", "Account & Lists", "Orders", "Prime", and "Cart". Below the search bar, the text "1-48 of over 50,000 results for Clothing, Shoes & Jewelry: 'boots'" is displayed, along with a "Sort by" dropdown menu set to "Relevance".

On the left side, there is a sidebar with "Show results for" and "Amazon Fashion" options. Under "Amazon Fashion", there are checkboxes for "Top Brands" and "Our Brands". Below that, "Prime Wardrobe" is highlighted, with a checkbox for "prime wardrobe" and a note: "Try on items for FREE at home for 7 days." A department filter is also visible, showing "Any Department" and "Clothing, Shoes & Jewelry" with sub-categories like Men, Women, etc.

The main content area features a "prime wardrobe" banner with the text "Try before you buy, free & easy returns." and a link to "Learn More | Shop Prime Wardrobe | View your Prime Wardrobe Cart". Below the banner, it says "Showing results in Clothing, Shoes & Jewelry. Show instead results in All Departments." Four product listings are shown in a grid:

- LessMore**: Men's Leather Classic Dress Ankle Chukka Boot. Image shows a black leather chukka boot.
- Polar Fox**: Mike Ankle Boots With Buckles L Dress Sho... Image shows a black leather ankle boot with buckles.
- D-Story**: Shoes Skull Lace up Martin Boots for Women. Image shows a pair of colorful, patterned lace-up boots.
- ALDO**: Men's Araewiel Boot. Image shows a brown leather lace-up boot.

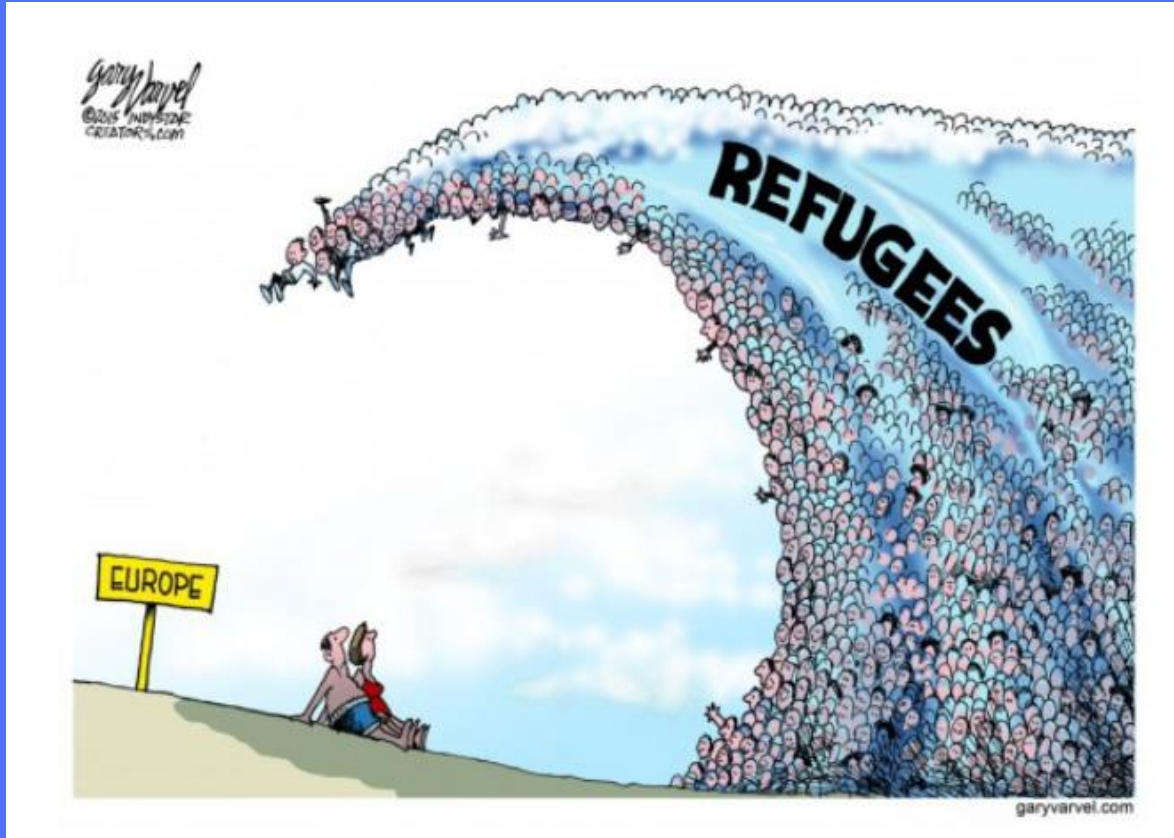
Each listing includes a "Sponsored" label and a small information icon.

REQUIRES  
MORE TIME

MORE  
TECHNICAL

MAY BE EASIER TO INTEGRATE  
THROUGHOUT LESSON

# CONNECT TO CONTENT AREA KNOWLEDGE



**BRIEF REVIEW**

**GENERATES  
DISCUSSION**

**MAY ADD CONTEXT  
TO AN  
INFORMATION TASK**

**Current event: Refugee crisis**

# CONNECT TO POP CULTURE/HUMOR



CONNECT TO AN IL OR RESEARCH CONCEPT

GENERATES DISCUSSION

MAY ADD CONTEXT TO AN INFORMATION TASK



# Scenario A

You are teaching a session for a first-year class and the professor asked you to focus your lesson on evaluating information resources.

# Scenario B

You are teaching a session for an upper-level course and the professor asked you to focus your lesson on using a subject specific database.

**Think about a lesson you teach where you could implement an anticipatory set and brainstorm possibilities.**



# Thank You

Anne Deutsch  
deutsch@newpaltz.edu

Brandon West  
westb@geneseo.edu

## References

- Ambrose, S. A., Lovett, M., Bridges, M. W., DiPietro, M., & Norman, M. K. (2010). How does students' knowledge affect their learning? In *How learning works: Seven research-based principles for smart teaching* (pp. 10-39). San Francisco, CA: Jossey-Bass.
- Hunter, M. (1982). *Mastery teaching*. El Segundo, CA: TIP Publications.
- Hunter, M. (1994). *Enhancing teaching*. New York: Macmillan.
- Hunter, R. & Hunter, M.C. (2004). *Madeline Hunter's mastery teaching: Increasing instructional effectiveness in elementary and secondary schools*. Thousand Oaks, CA: Corwin Press.
- National Research Council. *How people learn: Brain, mind, experience and school*. Washington, D.C.: National Academy Press.
- Willingham, Daniel T. (2009). *Why don't students like school?* San Francisco, CA: Jossey-Bass.

## Images

Caution #1532698 [Online image]. (2016). Retrieved from  
<http://clipart-library.com/clipart/8cGbA5KLi.htm>

Corenominal. (2016). Rocket [Online image]. Retrieved from  
<https://openclipart.org/detail/256789/rocket>

Garvel, G. (2015). Wave of refugees [Political cartoon]. Retrieved  
From  
<http://editorialcartoonists.com/cartoon/display.cfm/144958/>

Goldenberg, E. (Photographer). (2010). Group work [Online photo].  
Retrieved from  
<https://www.flickr.com/photos/eldan/4929258391/>

Grotos. (Photographer). (2012). Puzzle [Online photo]. Retrieved from  
<https://www.flickr.com/photos/grotos/8326345780>

Mean Girls dvd cover [Online image]. (2004). Retrieved from  
<https://www.amazon.com/Mean-Girls-Various/dp/B00AEFYM2S>

OCAL. (2008). Gas pump clip art [Online image]. Retrieved from  
<http://www.clker.com/clipart-gas-pump1.html>

Stranger danger [Online image]. (2018). Retrieved from  
<https://childrensworkshop.com/stranger-danger/>

Tree reflection in a water book [Online image]. (2018). Retrieved  
from  
<http://knightagency.net/a-tree-reflection-in-water-book/>

Yu, R. (Photographer). (2014). Interstate 215 northbound San  
Bernardino Freeway [Online photo]. Retrieved from  
<https://www.flickr.com/photos/raymondye/5369573144>