

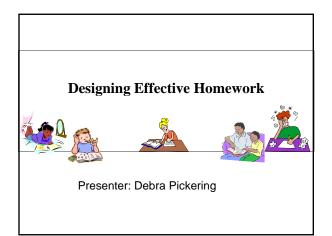
Designing Effective Homework

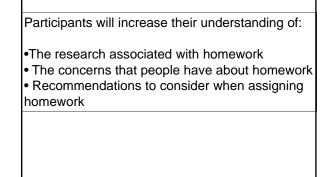
Presenter: Debra Pickering Marzano Research Laboratory <u>djplearn@hotmail.com</u>



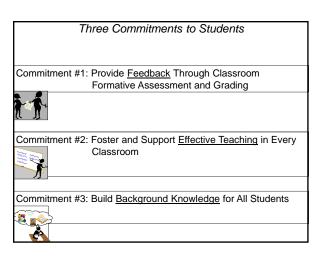


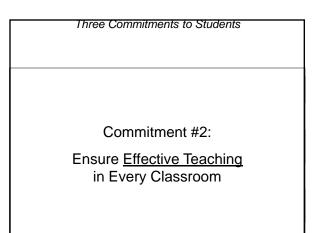
Marzano Research Laboratory Powered by Solution Tree

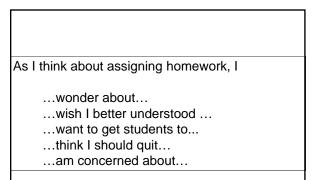


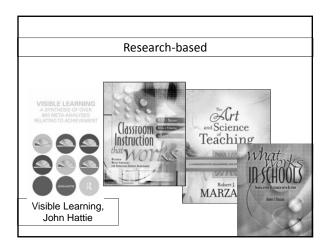


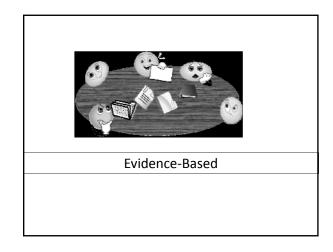
What We	orks in Schools- Robert Marzano
	1. Guaranteed and Viable Curriculum
	2. Challenging Goals and Effective Feedback
	3. Parent and Community Involvement
	4. Safe and Orderly Environment
School	5. Collegiality and Professionalism
	6. Instructional Strategies
	7. Classroom Management
Teacher	8. Classroom Curriculum Design
	9. Home Environment
	10. Learned Intelligence/ Background Knowledge
Student	11. Motivation

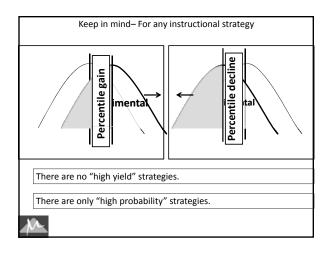


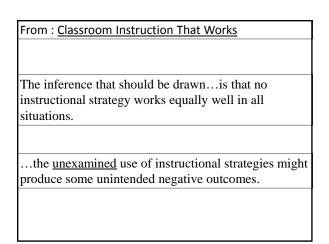


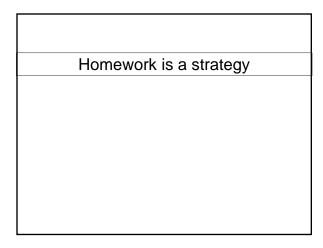


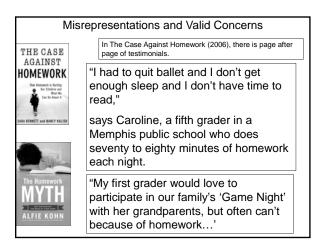


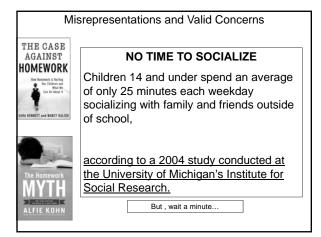


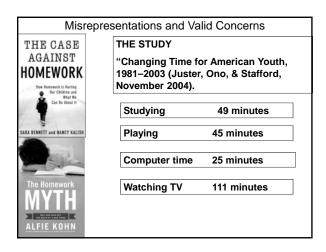


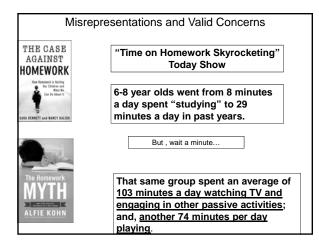


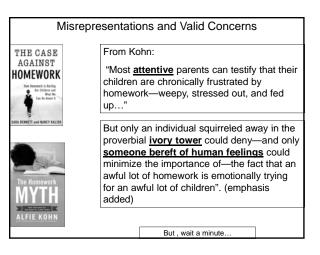


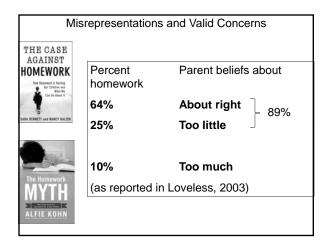


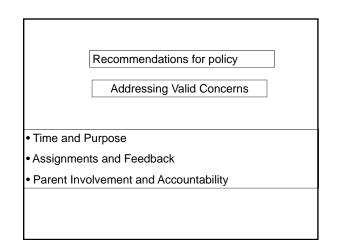














Key words/questions

Homework is a strategy- that **can** enhance students' learning

Time and Purpose

- Time constraints should be identified when assigning homework.
- If students cannot complete the assigned work within time constraints, they may need the opportunity to complete the work in class.
- Make sure students understand and are focused on the purpose of the homework
- The purpose should be to enhance achievement of ESSENTIAL learning goals
- The assignment should be appropriate for the learning goals being addressed.
 - Terms and Details
 - Principles, Generalizations
 - Skills and Processes

VALID CONCERNS:

- Avoid assigning homework simply as a matter of routine.
- Homework should be designed, not just assigned.

Summary/Reflections

	Time and Purpose	
Research		

Harris Cooper: 10 minutes x grade level??????

Elementary:

Some studies show positive results but not compelling.

Positive long-term effects difficult to study.

Secondary:

One to two hours per night-more can have negative effect

From: "The Case for and Against Homework, Marzano and Pickering, Educational Leadership

Cooper (1989a 1 to 2 hours per night. After that the benefits decreased.

Cooper, Robinson, and Patall (2006) 7 to 12 hours (per week) produced the largest effect size. After that the benefits decreased.

12th graders the optimum amount of homework might lie between 1.5 and 2.5 hours per night but caution that no hard and fast rules are warranted.

Ass	ignment Notebook
Language Arts	Assignment:
Math	–Due:
	Learning Goal: As a result of
Science	doing this assignment, I should
	Know more about?
Social	Understand better?
Studies	Be more skilled at?





Key words/questions

Assignments and Feedback

- The purpose should be to enhance achievement of ESSENTIAL learning goals
- The assignment should be appropriate for the learning goals being addressed.
 - Preparation
 - Elaboration

Terms and Details--Representations

Principles, Generalizations- Application

Skills and Processes- Variations, Applications

Practice,

- Feedback should be timely and specific enough to help students understand the extent to which their work contributed to their achievement of clearly identified learning goals.
- Emphasize accountability for the learning—through formal and informal assessment

VALID CONCERNS

Homework should be designed, not just assigned.

Summary/Reflections



Key words/questions

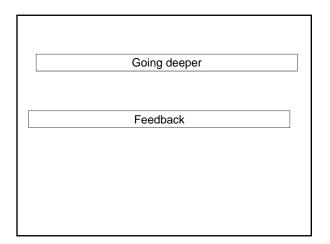
Parent Involvement and Accountability

- Parent involvement should be kept to a minimum, and should focus on showing support for, and interest in, the student learning.
- Performance on homework should not be considered a reliable assessment of students' learning.
- Accountability approaches-- Time, Grade, Performance?
- If homework completion is to be a factor in students' overall grade, the weight of that factor should be consistently applied, clearly reported, and aligned with the school's mission.

VALID CONCERNS:

- Parents might use homework to "teach" responsibility, but don't depend on it.
- To maximize learning, all students should have scheduled breaks (recess, lunch, free period) during every school day—whether they have completed their homework or not

Summary/Reflections



Topics	Quarter 1	Quarter 2	Quarter 3	Quarter 4
1	2.0	3.0	3.0	3.0
2	2.0	2.5	2.5	2.5
3	2.0	2.0	2.0	3.5
4	1.5	2.5	3.0	3.0
5	3.0	3.0	3.0	3.0
6	4.0	4.0	4.0	4.0
7		2.0	2.0	3.0
8		2.0	2.5	2.5
9		2.5	3.0	3.0
10		3.0	3.0	3.0
11		3.5	3.5	3.5
12			3.0	3.0
13			3.5	3.5
14			2.0	2.5
15			3.0	3.0
16			3.5	3.5
17				3.0
18				4.0
19	_			2.0
20				3.0

John Hattie-reviewed 7,827 studies on learning and instruction.

Conclusion... "The most powerful single innovation that enhances achievement is feedback. The simplest prescription for improving education must be 'dollops' of feedback."

...reported that providing students with specific information about their standing in terms of particular objectives increased their achievement by 37 percentile points.

- System Requirements
 1. Must be in-class the entire year.
 2. Must be behave appropriately.
 3. Must complete the work assigned them.
 4. Must figure out what each individual, teacher expects of them.
 5. Can be passed on without adequate knowledge if they are successful on the above.
 UNINTENDED Consequences
 UNINTENDED consequences
- . Students succeed if they can figure out and are willing to follow the rules. Those students who do not figure out the rules or are unwilling to follow them get so far behind relatively quickly that they have a high probability of dropping out

Performance Based

Time Based

- System Requirements Must demonstrate competence in important content knowledge.

- Must behave appropriately if they wish to be involved in classes.
 Must take some responsibility for their own learning.
 Do not move to more advanced levels of a topic until they demonstrate competence in important knowledge. INTENDED Consequences

- Students do not have to figure out the rules from teacher to teacher.
 To catch up or move ahead at an accelerated pace, students do not have to spend a specific amount of time in class. Rather, they must demonstrate competence in important content.
- 3. Students graduate with more proficiencies and a clear sense of strengths and weaknesses.

John Hattie – 2009.	
The mistake I was making was seeing as something <u>teachers provided to st</u>	
It was only when I discovered that f was most powerful when it is <u>from th</u> <u>to the teacher</u> that I started to und better.	<u>ne student</u>

