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**Internalizing the
 Concept With the Aid
 of Technology**

Bloom's Taxonomy	SYNTHESIS	Student originates, integrates, and combines ideas into a product, plan, or proposal that is new to him or her.	Create Design Hypothesize Invent Develop
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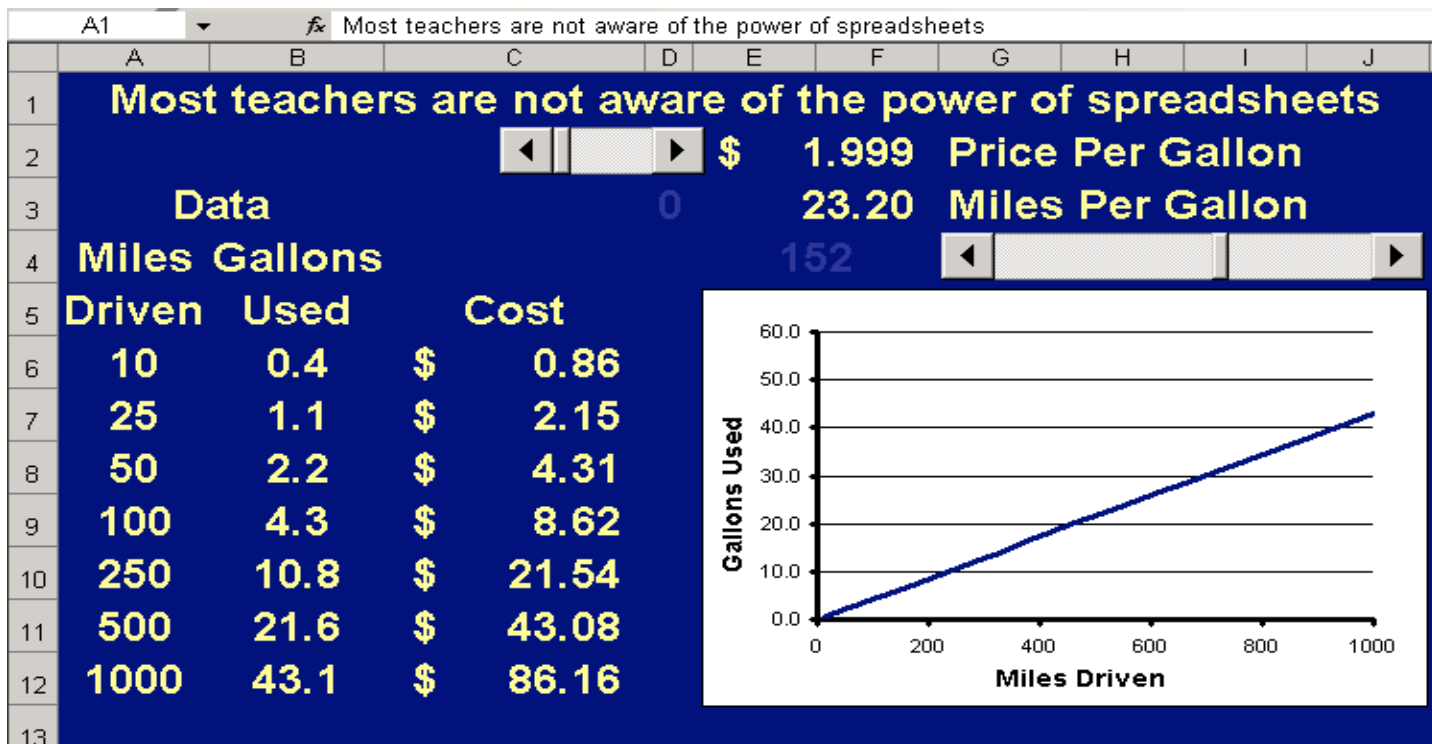
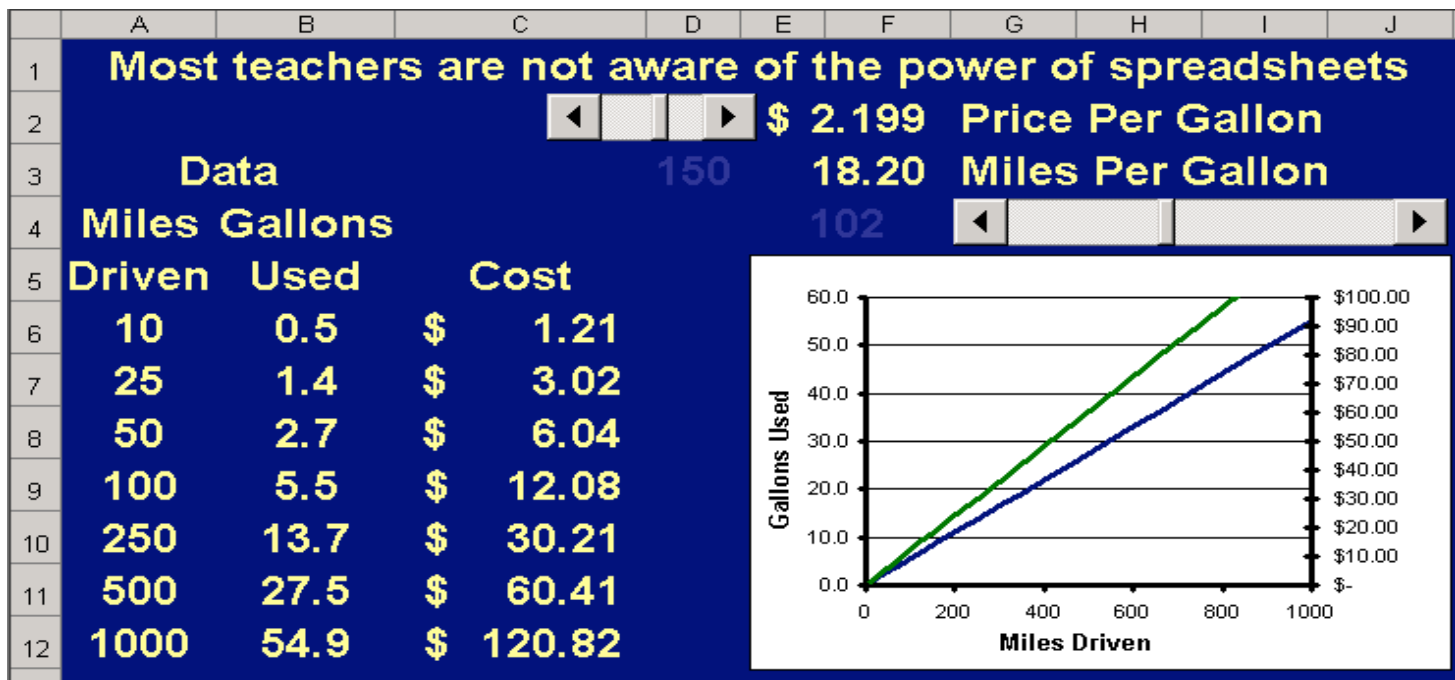
If we can get students to use the knowledge we've taught them to create something, a spreadsheet, then they have managed to learn the material "deeply" enough to apply it creatively - they have internalized it.

Either,
 have students create a spreadsheet to perform a task they have just "learned"
or
 provide students with a screenshot of a spreadsheet and have them create it.

To obtain a copy of the Excel file used in this presentation,
 simply email the presenter with a request for the file.

You may download additional Excel files the presenter has created from
<http://www.waketech.edu/~rlkimbal/TTT>

and you may find other examples from a colleague at
<http://www.waketech.edu/~ljwillif>



This spreadsheet multiplies two polynomials together.

	$(3x + -5)$	$(2x + 3)$	=	$6x^2$	-	$1x$	-	15		-1	-15
	$(2x + -3)$	2	=	$4x^2$	-	$12x$	+	9		-12	9