Teachers' Perceptions of Feedback Efficacy

Thomas DeVere Wolsey
Diane Lapp
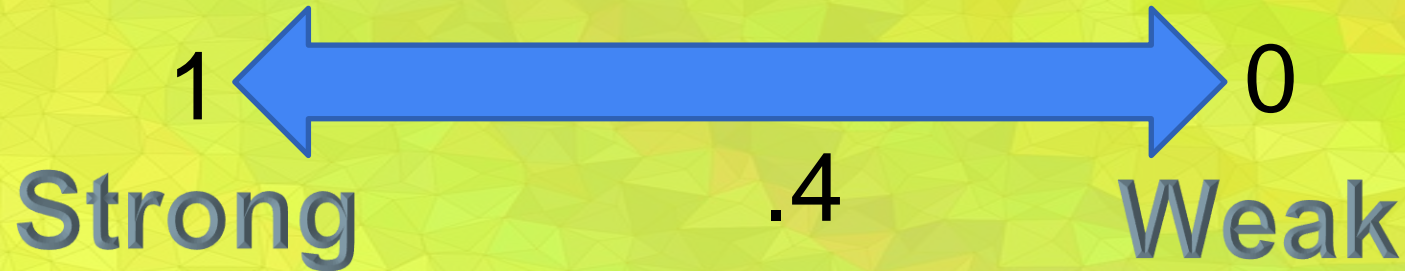
Effect Size

$$\text{Effect Size Formula} = \frac{\mu 1 - \mu 2}{\alpha}$$
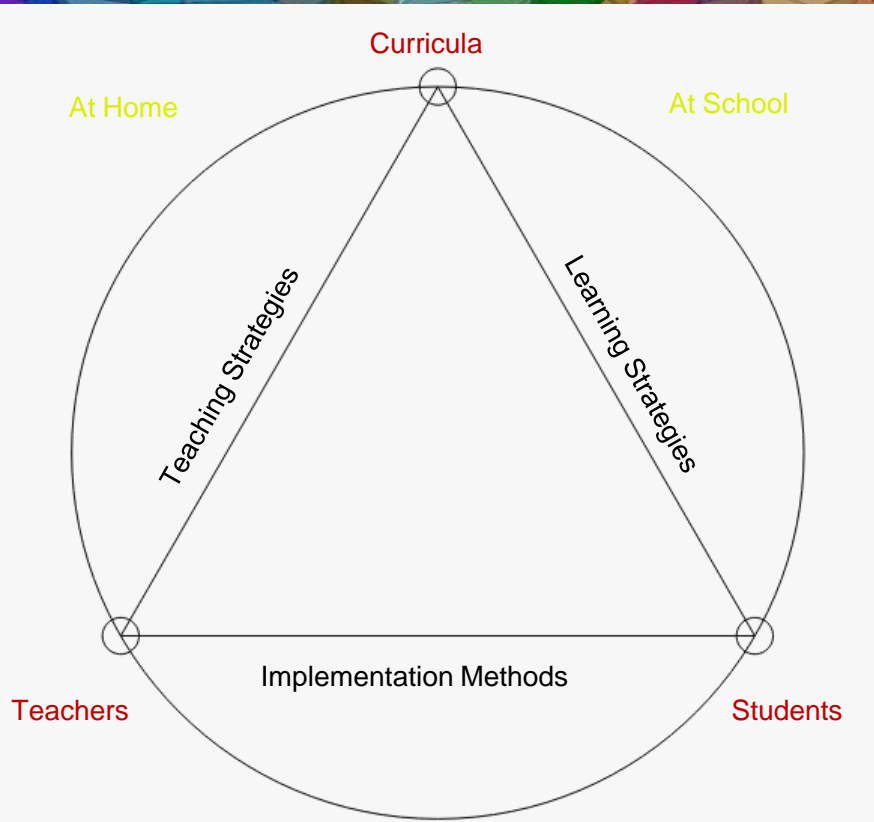
Magic Number

1 ⟷ 0

Strong .4 **Weak**

Potential to accelerate considerably

What is Visible Learning?

Visible Learning ®
https://www.visiblelearningmetax.com/influences

Teaching Strategies

Feedback **Effect Size: 0.92**

Photo courtesy of Annette Kiberu, RAU

Who participated?

- N = 170 (actual 159)
- 26%* taught for less than one year
- 34% taught 1 or 2 years
- 15% taught for 2 to 5 years
- The remainder taught 6+ years

- 168 teachers work face-to-face, 1 fully online, and 1 did not respond
- Most teachers work in elementary schools
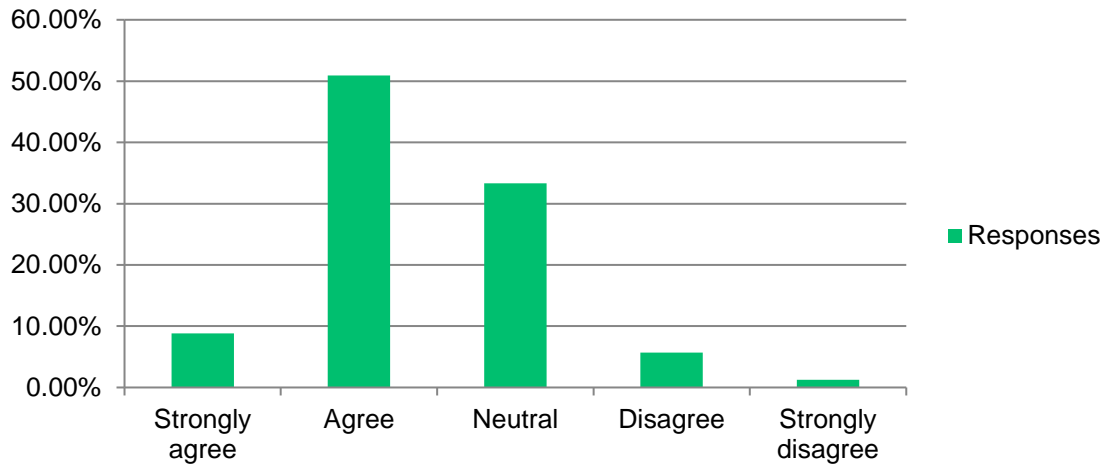- 11% rural, 32% urban, 57% suburban

*rounded to nearest 10th

What were we trying to learn

- The research questions

- What were teachers' perceptions of the feedback they provide?

&

- What were their perceptions of the utility of that feedback?

What did we find out?

Students use feedback to help them adjust their performance from one assignment to the next.

Perceived Utility

- **I believe my students review (submitted) assignments for feedback from me. Q8**

Very often	5.66%	9
Often	28.30%	45
Sometimes	42.14%	67
Not very often	18.87%	30
Almost never	5.03%	8

- **I believe my students perceive feedback as…Q9**

Extremely useful	9.43%	15
Very useful	23.27%	37
Useful	37.74%	60
Somewhat useful	27.67%	44
Not useful	1.89%	3

- **I find useful feedback is… Q10**

Extremely easy to provide	3.77%	6
Very easy to provide	24.53%	39
Easy to provide	45.91%	73
Somewhat of a challenge to provide	25.16%	40
A significant hurdle to provide	0.63%	1

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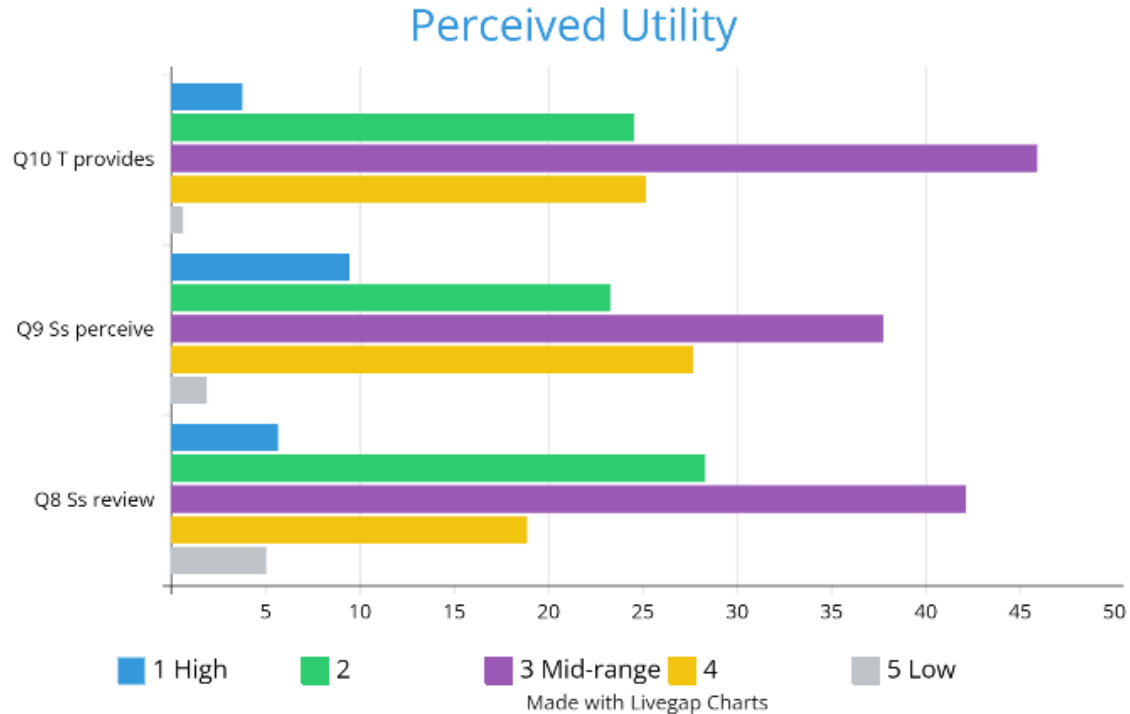
How do teachers provide feedback?

*

As an instructor, I prefer to provide feedback in the following ways (check all)

Answer Choices	Responses	
Annotate comments (place them in or near my written comments) throughout students' work	25.32%	40
Write a summary paragraph containing feedback about students' work	2.53%	4
Use a rubric or scoring guide to provide feedback	23.42%	37
Provide oral feedback	**36.08%**	**57**
Other (please specify)	12.66%	20

Utility by type of feedback

Q11

Think about the types of feedback you use most often. Rank these: 1 is most useful and 10 is least useful.
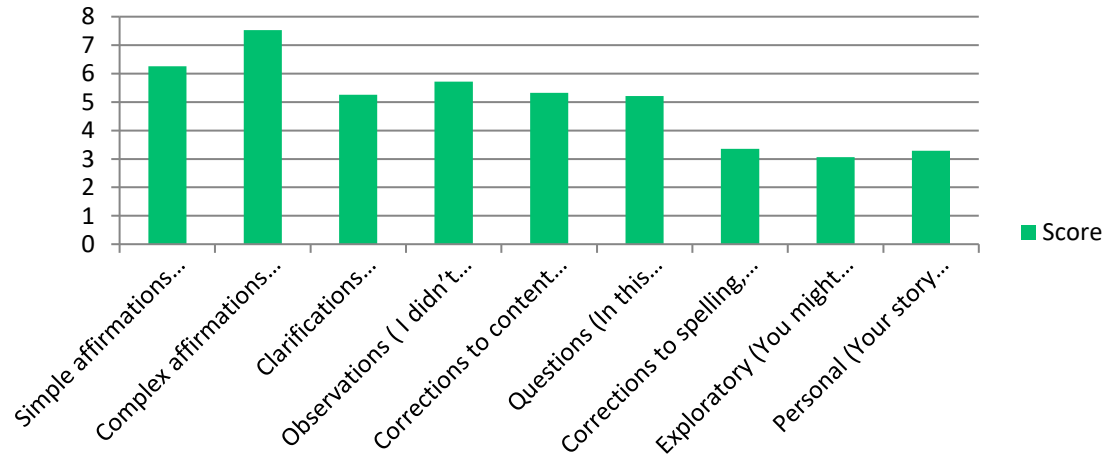
Feedback connected to future per

- My students use feedback to help them adjust their performance from one assignment to the next.

Answer Choices	Responses	
Strongly agree	8.81%	14
Agree	50.94%	81
Neutral	33.33%	53
Disagree	5.66%	9
Strongly disagree	1.26%	2

Discussion

- In general, teachers find useful feedback is easy to provide
- They believe their students review feedback they offer, and they believe students find feedback useful.
- Teachers seemed to prefer oral feedback.
- Nearly 60 percent of teachers believe their students use feedback to improve performance from one task to the next.
- However, teachers preferred simple (50.3% rank 1 or 2) and complex affirmations (67.75% rank 1 and 2) over other types of feedback.

References & Credits

Slide background by Maha Bali @Bali_Maha (Twitter)

Charts by SurveyMonkey, Excel, & https://charts.livegap.com/

Visible Learning - Home (visiblelearningmetax.com)

Contact: TDWolsey@msn.com

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