

Previewing Beats Reviewing: How the Timing of Additional Instruction Affects Achievement



Kelly Flynn

Advisors: Angela Duckworth and Benjamin Lira University of Pennsylvania



Performance

Note. *** p < .001, ** p < .01, * p < .05; all coefficients are standardized.

Discussion

Our findings suggest that previews are more effective than reviews at increasing achievement. This effect is partially mediated by increases in self-efficacy.

Limitations

Our study was conducted asynchronously and virtually. Therefore, participants were probably less able to make the social comparisons necessary to inform their self-efficacy.

We also did not have a no-treatment control group. Because of the well documented effect of increasing instruction time on achievement, we opted to keep total instruction time constant.

Future Directions

Future research should test the effect of previews in the classroom and explore additional mechanisms driving the effect.



Increases in Self-Efficacy Mediated the Preview Effect on