

Improving instruction of future teachers: A multimedia approach that supports implementation of evidence-based vocabulary practices.

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Improving instruction of future teachers: A multimedia approach that supports implementation of evidence-based vocabulary practices

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### Highlights

- â€¢ We designed and examined a multimedia tool to improve teaching ability.
- â€¢ We describe a multimedia tool, which follows theoretical and empirical frameworks.
- â€¢ Video can be paired with Content Acquisition Podcasts for use in teacher preparation.

Video plus CAP can promote effective use of evidence-based vocabulary practices.

## Abstract

Teacher education efforts must prepare future teachers to implement evidence-based practices that are effective for all students. A strand of practices necessary for reading competence is vocabulary instruction; however, teachers spend less time teaching vocabulary as opposed to other literacy skills. In this experimental study, researchers investigated a multimedia-based intervention, which pairs video with a Content Acquisition Podcast (i.e., video plus CAP) to teach preservice teachers ( $N = 49$ ) to implement vocabulary practices with struggling students. Those who watched the video plus CAP used significantly more teaching behaviors associated with an evidence-based vocabulary practice during instruction than the comparison group.



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## Keywords

Multimedia; Podcasting; Teacher education; Video; Vocabulary

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