



VIRTUAL SIMULATION

WHAT IS IT?

An approach that teacher educators can use to give candidates practice teaching in virtual or other more controlled environments before they begin to teach students in the classroom

1

Ensure students have access to the appropriate technology required.

2

Integrate Virtual Simulation with other practiced-based approaches, such as Lesson Study, Coaching, and Video Analysis.

Practical Example:

TeachLive™, an avatar-based learning platform, affords teachers an opportunity to practice teaching content and positive behavior strategies within a virtual environment. In this mixed-reality environment, teacher educators may personalize a candidate's instructional experience to specific content based on the candidate's learning needs. Teacher educators can adjust the number of students in the classroom, the students' characteristics, and the instructional content area being taught.

For more information, download the full overview:
http://www.gtlcenter.org/sites/default/files/Virtual_Simulation.pdf

BENEFITS

Supports novice teachers' ability to transfer skills first practiced within a simulated environment to the classroom setting¹



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Endnotes

- 1 Dieker, L. A., Straub, C., Hughes, C. Hynes, M. C., & Hardin, S. E. (2014). Learning from virtual students. *Educational Leadership*, 71(8), 54–58.