

Gardner-Webb University

## Digital Commons @ Gardner-Webb University

---

Instructional Modules for Professional learning  
Responding to Opportunities and Valuing  
Educators (IMPROVE)

College of Education

---

2021

### Engaging Students with Disabilities in Virtual Learning

Timothy Adams  
*Gardner-Webb University*

Jessie Kong  
*Gardner-Webb University*

Mike Lefko  
*Gardner-Webb University*

Rachelle Peterson  
*Gardner-Webb University*

Follow this and additional works at: <https://digitalcommons.gardner-webb.edu/improve>

Digital Commons is a part of the Curriculum and Instruction Commons, and the Teacher Education and Professional Development Commons Network

---

#### Logo Recommended Citation

Adams, Timothy; Kong, Jessie; Lefko, Mike; and Peterson, Rachelle, "Engaging Students with Disabilities in Virtual Learning" (2021). *Instructional Modules for Professional learning Responding to Opportunities and Valuing Educators (IMPROVE)*. 28.

<https://digitalcommons.gardner-webb.edu/improve/28>

This Book is brought to you for free and open access by the College of Education at Digital Commons @ Gardner-Webb University. It has been accepted for inclusion in Instructional Modules for Professional learning Responding to Opportunities and Valuing Educators (IMPROVE) by an authorized administrator of Digital Commons @ Gardner-Webb University. For more information, please contact [digitalcommons@gardner-webb.edu](mailto:digitalcommons@gardner-webb.edu).

**Team Members:** Rachelle Peterson, Jessie Kong, Mike Lefko, Timothy Adams

**PLM Title:** Engaging Special Needs Students In Virtual Learning

**PLM Link: (Recommended to open this in Google Chrome)**

<https://sites.google.com/view/plm-engaging-swd-virtually>

**About the Authors:**

*Timothy Adams:* Tim is a doctoral candidate at Gardner-Webb University in North Carolina. His research interests include special education, science curriculum, and alternative education. Tim holds a Bachelor of Science in Chemistry and Biology from The United States Military Academy, West Point, New York, a Master of Arts in Teaching from Ball State University, Muncie, Indiana, and a Master of Arts in School Administration from Appalachian State University, Boone, North Carolina. He has taught high school and middle school science, middle school math, career and technical education courses, as well as driver's education, and served in various different leadership and administrative roles in public schools over the past 20 years. He currently is a Principal in the Catawba County School District in North Carolina. He has future career aspirations to both teach aspiring teachers at the undergraduate level, teach graduate-level teaching or administration, as well as working as a curriculum developer for districts.

*Jessie Kong:* Jessie is a doctoral candidate at Gardner-Webb University in North Carolina. Her research interests include best practices for language immersion and bilingualism. Jessie holds a Bachelor of Arts Degree in Linguistics from The University of Melbourne, Australia with Sociolinguistics work done at The University of California, Berkeley, USA, a Graduate Diploma in Interpreting and Translating from Deakin University, Australia, a Master Degree of Arts in Biblical Counseling from Greenville Presbyterian Theological Seminary. She has taught at institutes of education, high school and middle school English, elementary school and kindergarten Chinese in Australia, Hong Kong, China, and the US. She has been a translator, language teacher and family counselor in both the private and public sectors for over 20 years. She is currently a Lead Teacher in a language immersion school in Charlotte, North Carolina. She has future career aspirations to both teach at college or administration, as well as working as a curriculum developer.

*Mike Lefko:* Mike is a doctoral candidate at Gardner-Webb University in North Carolina. His research interests include special education self-efficacy and ways to transform teaching and learning for students. Mike holds a Bachelor of Science in Special Education from The State University of New York at Geneseo, and a Master of School Administration as a N.C. Principal Fellow from the University of North Carolina at Greensboro. He has taught special education and served in various different leadership and administrative roles in public, private and charter schools over the past 30 years. He currently teaches middle school students with Autism in the

Union County School District in North Carolina. He has future career aspirations to both teach aspiring teachers at the undergraduate level as well as to move back into a school leadership position, another of his passions.

*Rachelle Peterson:* Rachelle is a doctoral candidate at Gardner-Webb University in North Carolina. Her research interests include disproportionate discipline for minority students, school to prison pipeline, and culturally responsive and trauma-informed teaching practices. Rachelle holds a Bachelor of Arts degree in Psychology and a Master of Arts in Teaching-Special Education, both from the University of North Carolina at Charlotte, Charlotte, North Carolina. Rachelle earned her advanced certification in K-12 Administration from the University of North Carolina at Wilmington, Wilmington, North Carolina. Rachelle has taught middle school math and language arts as a special education and general education teacher. Rachelle has served in various leadership roles throughout her 17 years in public education. Rachelle currently serves in the role of Dean of Students in Charlotte-Mecklenburg Schools, Charlotte, North Carolina. Rachelle's future career aspirations include teaching both aspiring teachers at the undergraduate and graduate level, as well as working for the district as a Curriculum Specialist or Student Accountability Specialist.

**Description Section:** This site provides an overview of engaging students with disabilities (SWD) in online/virtual learning philosophies and practices in order to make educators aware of methods and resources for helping SWD and their families engage with virtual learning. This module also provides research, classroom practice resources, and thought-provoking videos meant to assist educators in using methods and resources to improve their practices and positively impact all students.

**Subjects Section:** Students with Disabilities (SWD), Online/Virtual Learning, Emotional Engagement, Behavioral Engagement, Cognitive Engagement, Parent Engagement

**Terms of Use:** The learning cycle featured in this project is based on the STAR Legacy Cycle developed by the IRIS Center (2013; <http://iris.peabody.vanderbilt.edu>), and based on the work of Dr. John Branford and colleagues (National Research Council, 2000).

**Resources:**

CAST. (2021). *About universal design for learning*.

<https://www.cast.org/impact/universal-design-for-learning-udl>

CBC News. (July 7, 2021). *Students with learning disabilities face additional virtual learning challenges* [Video]. Youtube. <https://www.youtube.com/watch?v=zDSHBB0ckYQ&t=3s>

Childs, M. (2021) Virtual student engagement isn't impossible. ASCD 16 (13)

Crespin-Palmer, V. (2019, June). *How families will transform our broken school system* [video].

Youtube. <https://www.youtube.com/watch?v=6YREz3G2Eqc>

Educators for Social Responsibility: <http://www.esrnational.org/otc/> Self-Determination Theory:

<http://www.psych.rochester.edu/SDT/>

Envision ( 2014, May) *Faculty lounge: cognitive engagement by design* [video] Youtube.

<https://www.youtube.com/watch?v=-R4YAaIIYN4>

ETS. (2021, July 7). *Teacher\_leader\_model\_standards*.

[https://www.ets.org/s/education\\_topics/teaching\\_quality/pdf/teacher\\_leader\\_model\\_standards.pdf](https://www.ets.org/s/education_topics/teaching_quality/pdf/teacher_leader_model_standards.pdf)

Fredericks, J., Blumenfeld, P & Paris, A. (2004) *School engagement: Potential of the concept, state of the evidence*. Review of Educational Research, 74(1), 59- 109

National Research Council. (2000). *How people learn: Brain, mind, experience and school (expanded edition)*. Committee on Developments in the Science of Learning. J. D.

Bransford, A. L., Brown, A., & R. R. Cocking (Eds.), Washington, DC: National Academy Press.

National Standards for Teaching Quality. (2021, July 19). *Quality online teaching*.

[https://www.ets.org/s/education\\_topics/teaching\\_quality/pdf/teacher\\_leader\\_model\\_standards.pdf](https://www.ets.org/s/education_topics/teaching_quality/pdf/teacher_leader_model_standards.pdf)

Quality Matters and Virtual Learning Leadership Alliance. (2021, July 7). *Quality online teaching*. National Standards for Quality.

<https://www.nsqol.org/the-standards/quality-online-teaching/>

Parsi, A. (2015, March 21). *Student engagement's three variables: Emotion, behavior, cognition*.

<https://www.gettingsmart.com/2015/03/student-engagements-three-variables-emotion-behavior-cognition/>

Spencer, J. (2020, October 12). *The real issue isn't student engagement* [Audio podcast]

<https://spencerauthor.com/student-ownership-online/>

TEDx Talks. (n.d.). *Emotional engagement in learning* [Video]. Youtube.

<https://www.youtube.com/watch?v=QfXNn51OoxM>

The IRIS Center for Training Enhancements. (2005). How people learn: Presenting the learning theory and inquiry cycle on which the IRIS Modules are built. Retrieved on [July, 19, 2021] from <http://iris.peabody.vanderbilt.edu/module/hpl/>

Thompson, M. (2017, November). *Emotional engagement in learning* [video]. TED Conferences.

<https://www.youtube.com/watch?v=QfXNn51OoxM>

Wentzel, K. R. (2003). *Motivating students to behave in socially competent ways*. *Theory Into Practice*, 42, 319–326.