

Abstract Submitted  
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**Explorations in Physics and Distance Learning** KENNETH CAVINESS, Southern Adventist University — How can the activity-based directed inquiry model be applied in a distance learning class? Lessons learned during a two-year pilot program (2007-2009) using the “Explorations in Physics” curriculum (David P. Jackson, Priscilla W. Laws, Scott V. Franklin) for a class taught over the internet using VCAM technology. The author reports on the successes, difficulties and surprises of teaching an exploratory physics class at a distance, where teacher-student interaction occurred via high-definition camera and big screen, two-way sight and sound carried by high-speed internet.

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