An abridgment of the dissertation Measuring Visual Literacy Ability in Graduate Level Pre-Service Teachers by Teresa A. Farrell, this quantitative descriptive study was designed to establish a baseline of VL ability within this population using a national pool of graduate level students enrolled in teacher preparation programs. Avgerinou’s (2007) VL Index (modified to an online format) was the instrument used to measure VL ability. Results of this study indicate there may be a need for purposeful VL instruction in teacher preparation programs to better equip teachers in K-12 to be visually literate.