Chapter 9 – Technology Model Cornerstone Assessment: Creating

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ABSTRACT

This chapter describes the development of the proficient level Model Cornerstone Assessments for Technology (MCAT) from the pre-pilot phase through to the final piloting of the assessment. A general background of the topic and the MCAT’s theoretical foundation is provided as well as thorough description of the MCAT and its implementation process. Due to a low response rate, combined with a high attrition, no usable data were collected to accurately measure the reliability of the scoring devices. However, through an extensive review of the literature as well as interactions with the piloters, the researcher has developed a set of next steps to guide the continued development of standards in music technology as well as suggestions for future research. Among the emerging topics of discussion were the existence of the standards, connections, the role of technology in music education, and equitable access to technology in the music classroom.