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Evaluation Strategy

Evaluation is a critical piece of any curriculum, especially a new one. Evaluation needs to occur for several reasons. The curriculum needs to be evaluated over time to determine if it has met the needs of the learner/content in a way that promotes lasting learning. Teaching practices should also be evaluated for the same purpose. These assessment techniques will give the developer data on what needs to be modified in the curriculum and what should be kept the same. Throughout the course of the unit, the teacher will also use a variety of formative and summative assessments to determine if student learning has taken place and unit outcomes have been met.

The curriculum as a whole will be evaluated using several sources of data. Firstly, students will provide survey data on what about the curriculum worked for them and ideas for how to make the curriculum better fit their needs. This will be achieved through survey and interview data. Secondly, the teacher will use achievement and growth data to determine if the curriculum had a positive effect on student learning. Test scores will be broken down so the reviewer can specifically look at the algebra data that was addressed in this unit. This will also allow the teacher to better pinpoint which quintiles of students were most positively affected by the curriculum. Pre and Post tests will help the teacher collect specific data on unit outcomes. These tests could be administered in subsequent years if the curriculum developer wants to determine how long term the learning was.

Formative assessment is a crucial piece to the classroom. The instructor must know how students are progressing and where gaps still exist in the learning process. Throughout the course of the unit, several forms of formative assessment will be administered. The pre-assessment for the unit will be used for formative instruction purposes. The clicker system will be used throughout instruction to monitor and track student understanding and progress towards unit outcomes. Expository writing will be used to monitor student understanding as much as possible throughout the unit. Labs, projects, and tests will be used to assess final learning outcomes for the sub-units.

Summative assessments are needed to determine if students have met the unit outcomes. The post-assessment will be given at the end of the unit to determine if students have met the unit goals. The projects and tests at the end of the sub-units will be summative as well.

Throughout the course of the unit teacher reflection/evaluation on the curriculum will be conducted. While working through the unit, the teacher will annotate on the actual curriculum map what worked well and what needs to be tweaked for future classes. By placing annotations on the actual map it keeps all teacher reflections in one coherent place for future review. Administrator evaluations and comments will also be added to the map. Peer evaluations will be conducted as time permits.