

The Missouri Mathematics CAS are meant to be a blueprint for math instruction that is more focused and coherent within and across grades. The model curriculum units currently available include selected measurable learning objectives aligned to both the Missouri Mathematics CAS content and mathematical practice standards, 2008 GLEs/CLEs, and the Show-Me Standards.

The Missouri Mathematics CAS progress within and across grades and cluster together in coherent bodies of knowledge and emphasize the importance of student engaging in mathematics. Therefore, the strategies and activities in the units are intended to provide students multiple opportunities to engage in the learning of mathematics across all grades and mathematics domains and conceptual categories. Each of the activities is aligned and coded to the appropriate content standard as well as applicable mathematics practice standards – standards that foster problem solving, reasoning, explaining, modeling, using tools, seeing structure and generalizing, all of which are evidenced in the Show-Me Process Standards.

DESE Model Curriculum

GRADE LEVEL/UNIT TITLE:

COURSE CODE:

COURSE INTRODUCTION: Includes the critical focus areas identified in the Missouri Mathematics CAS (K-8) and the Appendix A (Algebra 1, Geometry, and Algebra II) along with information about the Standards for Mathematical Practice for Grades K – 12.

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| UNIT DESCRIPTION: | | SUGGESTED UNIT TIMELINE: | | | | |
| ESSENTIAL QUESTIONS: | | Show-Me Process Standards | CLASS PERIOD (min): CAS Standards for Mathematical Practice | | | |
| ESSENTIAL MEASURABLE LEARNING OBJECTIVES | CCSS LEARNING GOALS (Anchor Standards/Clusters) | CROSSWALK TO STANDARDS | | | | |
| | | GLEs/CLEs | PS | CCSS | OTHER | DOK |
| 1. Students will... | | | | | | |
| ASSESSMENT DESCRIPTIONS: Includes a brief overview of the summative assessment and formative assessments as well as Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. | | | | | | |
| Obj. # | INSTRUCTIONAL STRATEGIES (research-based): Includes the name of the instructional strategy along with the activity(ies) that model/include this strategy. | | | | | |
| | 1. | | | | | |
| Obj. # | INSTRUCTIONAL ACTIVITIES: Includes a brief description of the activity (coded to the Missouri Mathematics CAS content and mathematical practice standards) and accompanying materials, resources, links, formative assessments and scoring guides (coded to the CAS) | | | | | |
| | 1. | | | | | |
| UNIT RESOURCES: Links, publications, etc. | | | | | | |

The units include both formative and summative assessment components. These components are essential to the curriculum in providing feedback regarding whether students have learned what was taught.

These **draft** units are not a complete comprehensive curriculum for a grade or course. Your implementation of and feedback regarding the units, will provide useful information in revisions and development of additional units. Please submit your feedback at <http://dese.mo.gov/ccr/modelcurriculum.html>.