

## CATHOLIC CURRICULAR STANDARDS AND DISPOSITIONS IN MATHEMATICS K-6<sup>11</sup>

*The school considers human knowledge as a truth to be discovered. In the measure in which subjects are taught by someone who knowingly and without restraint seeks the truth, they are to that extent Christian. Discovery and awareness of truth leads man to the discovery of Truth itself. A teacher who is full of Christian wisdom, well prepared in his own subject, does more than convey the sense of what he is teaching to his pupils. Over and above what he says, he guides his pupils beyond his mere words to the heart of total Truth.*

*The Catholic School, 1977, #41*

| <i>General Standards</i>       |      |     |  |
|--------------------------------|------|-----|--|
| CS                             | M.K6 | GS1 | Demonstrate the mental habits of precise, determined, careful, and accurate questioning, inquiry, and reasoning.   |
| CS                             | M.K6 | GS2 | Develop lines of inquiry (as developmentally appropriate) to understand why things are true and why they are false.  |
| CS                             | M.K6 | GS3 |  |
| CS                             | M.K6 | GS4 | Survey the truths about mathematical objects that are interesting in their own right and independent of human opinions.  |
| <i>Dispositional Standards</i> |      |     |  |
| CS                             | M.K6 | DS1 | Display a sense of wonder about mathematical relationships as well as confidence in mathematical certitude.  |
| CS                             | M.K6 | DS2 | Respond to the beauty, harmony, proportion, radiance, and wholeness present in mathematics.  |
| CS                             | M.K6 | DS3 | Show interest in the pursuit of understanding for its own sake.  |
| CS                             | M.K6 | DS4 | Exhibit joy at solving difficult mathematical problems and operations.   |
| CS                             | M.K6 | DS5 | Show interest in how the mental processes evident within the discipline of mathematics (such as order, perseverance, and logical reasoning) help us with the development of the natural virtues (such as self-discipline and fortitude). |

<sup>11</sup> See Appendix F for mathematics resources.