

KINDERGARTEN

Mathematics Course of Study

The kindergarten mathematics course of study consists of five domains of focused study. The five domains are Counting and Cardinality, Operations and Algebraic Thinking, Number and Operations in Base Ten, Measurement and Data, and Geometry. Please note the abbreviations for each domain. Under each domain are the sub-categories that serve to group related content standards. All kindergarten mathematical content standards are located on the pages that follow.

The Diocesan Standards for Practice are listed below in the column to the right. These Diocesan standards should be incorporated into classroom instruction of the content standards.

Content Standard Domains and Sub-categories

Counting and Cardinality (CC)

- Know number names and the count sequence.
- Count to tell the number of objects.
- Compare numbers.

Operations and Algebraic Thinking (OA)

- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Number and Operations in Base Ten (NBT)

- Work with numbers 11-19 to gain foundations for place value.

Measurement and Data (MD)

- Describe and compare measureable attributes.
- Classify objects and count the number of objects in categories.

Geometry (G)

- Identify and describe shapes.
- Analyze, compare, create, and compose shapes.

Diocesan Standards for Practice

For student:

Students will make connections to Gospel values across content areas.

Student will develop and demonstrate critical thinking, perseverance, and strong work habits.

Students will be reflective, considerate problem solvers.

Students will develop and demonstrate the ability to be moral evaluators and socially responsible global citizens.

For the classroom:

Gospel values will be modeled through effective instruction, cultural sensitivity and an environment of continuous improvement.

Students will be assessed frequently, fairly and with consideration for the whole child.



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