

Jackson Area Catholic Schools
Mathematics Academic Standards
for
Kindergarten

Number and Operations

A. Count, write and order numbers

- N.ME.00.01 The student will count objects in sets up to 30: count forward and backward. Use ordinals to identify position in a sequence (e.g., 1st, 2nd, 3rd).
- N.ME.00.02 The student will use one-to-one correspondence to compare and order sets of objects to 30 using phrases such as “equal”, “greater”, or “fewer”; use counting and matching.
- N.ME.00.03 The student will compare and order numbers to 30 using phrases such as “greater than” or “fewer than.”
- N.ME.00.04 The student will read and write numbers to 30 and connect them to the quantities they represent.
- N.ME.00.05 The student will count orally to 100 by ones. Count to 30 by 2’s, 5’s and 10’s using grouped objects as needed.

B. Compose and decompose numbers

- N.ME.00.06 The student will understand the numbers 1 to 30 as having one, or two, or three groups of ten and some ones. Also count by tens with objects in ten-groups to 100.
- N.MR.00.07 The student will compose and decompose numbers from 2 to 10 (e.g., $5=4+1=2+3$) with attention to the additive structure of number systems (e.g., 6 is one more than 5, 7 is one more than 6).
- N.MR.00.08 The student will describe and make drawings to represent situations/stories involving putting together and taking apart for totals up to 10; use finger and object counting.

C. Add and subtract numbers

N.MR.00.09 The student will record mathematical thinking by writing simple addition and subtraction sentences (e.g., $7+2=9$, $10-8=2$).

N.MR.00.10 The student will fluently add and subtract with in 5.

D. Explore number patterns

N.MR.00.11 The student will create, describe, and extend number patterns.

Measurement**A. Explore concepts of time**

M.UN.00.01 The student will know and use the common words for the parts of the day (morning, afternoon, evening, night) and relative time (yesterday, today, tomorrow, last week, next year).

M.TE.00.02 The student will identify tools that measure time (clocks measure hours and minutes; calendars measure days, weeks, and months).

M.UN.00.03 The student will identify daily landmark times to the nearest hour and half hour, using analog and digital clocks. (lunchtime is 12 o'clock; bedtime is 8 o'clock).

B. Explore other measurement attributes

M.UN.00.04 The student will compare two or more objects by length, weight, capacity, and temperature (e.g., which is shorter, longer, taller, warmer?).

M.PS.00.05 The student will compare length and weight of objects by comparing to reference objects, and use terms such as shorter, longer, taller, lighter, and heavier.

M.PS.00.06 The student will recognize and name pennies, nickels, dimes and quarters.

Geometry

A. Create, explore, and describe shapes

- G.GS.00.01 The student will relate familiar two and three-dimensional objects inside and outside the classroom to their geometric name (e.g., ball/sphere, box/cube, soup, can/cylinder, ice cream cone/cone, refrigerator/prism).
- G.GS.00.02 The student will describe relative positions of two and three-dimensional objects using terms such as above, below, besides, in front of, behind, and next to.
- G.GS.00.03 The student will use informal language to identify, describe, sort, and classify objects by attribute and identify objects that do not belong in a particular group.
- G.GS.00.04 The student will compose simple shapes to form larger shapes.

B. Explore geometric patterns

- G.GS.00.05 The student will create, describe, and extend geometric patterns.