

Curriculum Correlation

Measurement Cluster 3: Time and Temperature

ON

Kindergarten
OE16 Measure, using non-standard units of the same size, and compare objects, materials, and spaces in terms of their length, mass, capacity, area, and temperature, and explore ways of measuring the passage of time, through inquiry and play-based learning
Grade 1
<p>Measurement</p> <p>Attributes, Units, and Measurement Sense</p> <ul style="list-style-type: none"> – estimate, measure, and describe the passage of time, through investigation using non-standard units (e.g., number of sleeps; number of claps; number of flips of a sand timer) (Activity 17) – read demonstration digital and analogue clocks, and use them to identify benchmark times (e.g., times for breakfast, lunch, dinner; the start and end of school; bedtime) and to tell and write time to the hour and half-hour in everyday settings (Activities 16, 18, 21) – name the months of the year in order, and read the date on a calendar (Activities 20, 21) – relate temperature to experiences of the seasons (e.g., “In winter, we can skate because it’s cold enough for there to be ice.”) (Activities 19, 21) <p>Cross Strand:</p> <p>Number</p> <p>Counting</p> <ul style="list-style-type: none"> – use ordinal numbers to thirty-first in meaningful contexts (e.g., identify the days of the month on a calendar)
Grade 2
<p>Measurement</p> <p>Attributes, Units, and Measurement Sense</p> <ul style="list-style-type: none"> – tell and write time to the quarter-hour, using demonstration digital and analogue clocks (e.g., “My clock shows the time recess will start [10:00], and my friend’s clock shows the time recess will end [10:15].”) – construct tools for measuring time intervals in non-standard units (e.g., a particular bottle of water takes about five seconds to empty) – describe how changes in temperature affect everyday experiences (e.g., the choice of clothing to wear) – use a standard thermometer to determine whether temperature is rising or falling (e.g., the temperature of water, air). <p>Measurement Relationships</p> <ul style="list-style-type: none"> – determine, through investigation, the relationship between days and weeks and between months and years.