



Wonders of Water

Kentucky Academic Standards (3-8)

Below is a list of Kentucky Academic Standards discussed during the teaching of **Wonders of Water**.

KENTUCKY CORE CONTENT FOR ASSESSMENT

SCIENCE

End of Primary

SC-EP-2.3.1 Students will describe earth materials (solid rocks, soils, water and gases of the atmosphere) using their properties.

Fifth Grade

SC-05-2.3.1 Students will:

- describe the circulation of water (evaporation and condensation) from the surface of the Earth, through the crust, oceans and atmosphere (water cycle);
- explain how matter is conserved in this cycle.

MATHEMATICS

End of Primary

MA-EP-2.1.1 Students will apply standard units to measure length (to the nearest half-inch or the nearest centimeter) and to determine:

- weight (nearest pound);
- time (nearest quarter hour); and
- money (identify coins and bills by value) and
- temperature (Fahrenheit).

MA-EP-2.1.2 Students will use standard units to measure temperature in Fahrenheit and Celsius to the nearest degree.

MA-EP-2.1.3 Students will choose and use appropriate tools (e.g., thermometer, scales, balances, clock, ruler) for specific measurement tasks

MA-EP-4.1.2 Students will collect data.

MA-EP-4.3.1 Students will pose questions that can be answered by collecting data.



Fourth Grade

MA-04-2.1.1 Students will apply standard units to measure length (to the nearest quarter-inch or the nearest centimeter) and to determine:

- weight (ounce, pound; gram, kilogram);
- perimeter;
- area (figures that can be divided into rectangular shapes);
- time (nearest five minutes) and
- temperature (Fahrenheit and Celsius).

MA-04-2.1.2 Students will choose and use appropriate tools (e.g., thermometer, scales, balances, clock, meter stick, yardstick, ruler) for specific measurement tasks.

MA-04-4.1.2 Students will collect data.

MA-04-4.3.1 Students will pose questions that can be answered by collecting data.

Fifth Grade

MA-05-2.1.1 Students will apply standard units to measure length (to the nearest eighth-inch or the nearest centimeter) and to determine:

- weight (ounce, pound; gram, kilogram);
- perimeter;
- area (figures that can be divided into rectangular shapes);
- time (nearest minute);
- temperature (Fahrenheit and Celsius) and
- angle measures (nearest degree).

MA-05-2.1.2 Students will choose and use appropriate tools (e.g., protractor, meter stick, ruler) for specific tasks and apply skills to solve real-world and mathematical problems.

SOCIAL STUDIES

End of Primary

SS-EP-1.3.2 Students will identify and give examples of good citizenship at home, at school and in the community (e.g., helping with chores, obeying rules, participating in community service projects such as recycling, conserving natural resources, donating food/supplies) and explain why civic engagement in the community is important.