Arizona Water Map Curriculum Guide

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The Arizona Water Map is an educational tool for all ages. The Arizona Water Map Curriculum Guide is designed to assist educators in using the Map to teach about Arizona water resources and enhance the traditional curriculum for middle and high school students. Graphics, maps and charts for students to interpret replace lengthy sidebar descriptions on this Map edition. The Arizona NEMO (Non-point Education for Municipal Officials) program produced the maps and graphics that are part of this curriculum guide.

Referenced Lesson Plans

Arizona Project WET (APW) is a program of University of Arizona (Arizona Cooperative Extension, the Department of Agricultural Education and the Water Resources Research Center). APW offers a comprehensive set of Guides and lessons for teaching about Arizona’s water resources. A description of each Guide follows. Lessons from these Guides are suggested as vehicles to teach the concepts covered in the nine graphic discussion pages. In addition, expository text about each graphic provides relevant reading designed for the explanation stage of instruction, following engagement and exploration.

The Project WET Curriculum and Activity Guide is a nationally acclaimed publication offering lessons that creatively teach the physical and chemical properties of water and how those allow water to move through life and earth systems. The lessons teach about water as a natural resource, its integral role in human development through time and the management of this precious resource. The abbreviation PW denotes lessons from this book.

The Arizona Conserve Water Educators’ Guide offers relevant lessons that explore Arizona’s water resources and wise water use. We conserve water because we live in an arid to semi-arid state, endowed with the third highest biodiversity of any U.S. state. Arizona is beautiful and that beauty depends on water. Lessons cover the interconnection of all water supplies and water users and spotlight conservation inside and outside the home, including water reuse, water audits and new technologies. Ten true Arizona water conservation stories provide evidence that conservation is both important and smart business. The abbreviation ACW denotes lessons from this book.

The Discover a Watershed: The Colorado Educators’ Guide offers lessons about the watershed that we live in. Arizona is the only state that lies almost entirely within the Colorado River watershed. This Guide tells the story of Arizona from the beginning of Roosevelt Dam in 1902, to negotiation of the Colorado River compact, through the present. It tells of innovation and enterprise in ensuring Arizona’s future water supplies, and of how changes to Arizona’s natural systems have caused unintended consequences affecting the watershed within which we live. The abbreviation DAW denotes lessons from this book.

References

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