



4th ANNUAL ART CONTEST

BLACK HILLS PARKS & FORESTS ASSOCIATION



BLACK HILLS
PARKS &
FORESTS
ASSOCIATION

WATER IS EVERYWHERE!

Suggested topics to align with South Dakota & Nebraska Grade Level Science Standards:

*This activity is designed as an option to help supplement science standard needs,
BUT not as the only activity to cover a science standard.

Kindergarten - 2nd Grade Topics:

- > Animals and plants need water to survive. Where do prairie animals find water and how does it meet their needs?
SD (K-LS1-1) (1-LS1-1) (2-LS2-1, 2-LS4-1) NE (SC.K.7) (SC.1.6) (SC.2.7)
- > Water shapes the land.
SD (2-ESS1-1, 2-ESS2-1) NE (SC.2.13)
- > Water is everywhere! What bodies of water are near you?
SD (K-ESS3-3) (2-ESS2-2, 2-ESS2-3) NE (SC.2.13.3.C)
- > Local weather patterns and variations.
SD (K-ESS2-1, K-ESS3-1) (2-ESS1-1) NE (SC.K.12) (SC.2.13.3.A)
- > Clean water is important for human health and safety. How can humans reduce pollution and impacts on water sources?
SD (K-ESS3-3) NE (SC.K.7.2.D)

3rd Grade - 5th Grade Topics:

- > Animals and plants need water to survive. What adaptations do prairie animals and plants have to meet their needs?
SD (3-LS3, 3-LS4) (4-LS1-1, 4-LS2) (5-LS1-1) NE (SC.3.7.2.C, SC.3.7.2.D) (SC.4.6.3.B) (SC.5.8)
- > Aquatic dwelling animal food chains and food webs.
SD (5-PS3-1, 5-LS1-1) NE (SC.5.8)
- > South Dakota and Nebraska were once covered in water as an inland sea. What do fossils tell us about the adaptations, traits, and environments that existed long ago?
SD (3-LS3-1, 3-LS4-1) (4-ESS1-1) NE (SC.3.7.2.B) (SC.4.13.4.A)
- > The South Dakota and Nebraska landscapes are shaped through weathering and erosion. What role does water play in this?
SD (4-ESS1-1, 4-ESS2-1, 4-ESS2-2) (5-ESS2-2) NE (SC.4.13.4.B)
- > Explain the water cycle, how does it impact where you live?
SD (5-ESS2-1) NE (SC.5.13)
- > Everyone lives in a watershed, where does your water come from? Learn about the watershed you live in.
SD (5-ESS2-1, 5-ESS2-2) NE (SC.5.13.4.B)
- > Clean water is important for human health and safety. How can humans reduce pollution and impacts on water sources?
SD (4-ESS3-2) (5-ESS3-1) NE (SC.5.13.4.E)

6th Grade - 8th Grade Topics:

- > Water cycles through Earth's systems. Explore Earth's systems on a local or regional level.
SD (MS-ESS2-4) (MS-ESS2-5) NE (SC.6.13)
- > Study regional climate patterns.
SD (MS-ESS2-5) NE (SC.6.12)
- > How will climate change influence future natural disasters, and what are the potential impacts on humans in South Dakota and Nebraska?
SD (MS-ESS3-2, MS-ESS3-3, MS-ESS3-4) (MS-ESS3-5) NE (SC.7.14.6.C)
- > How has water shaped the South Dakota and Nebraska landscape?
SD (MS-ESS2-2) (MS-ESS3-1) NE (SC.7.14.6)
- > South Dakota and Nebraska were once covered by an inland sea. What can we learn about modern organisms from fossils?
SD (MS-LS4-1, MS-LS-2) NE (SC.7.14.6.B) (SC.8.10.5 A & B)
- > Explore prairie ecosystems or aquatic (SD/ NE river and lake) ecosystems and make a food web model.
SD (MS-LS1-6, MS-LS2) NE (SC.7.7)

Resources to support curriculum and lesson plan development:

Project WET: www.projectwet.org

Project WET (Water Education Today) is a collection of curriculum materials for educators to help facilitate water education. Their mission is "Advancing water education to understand global challenges and inspire local solutions"

Project WILD: www.fishwildlife.org/projectwild

Project WILD is a collection of curriculum materials for educators to facilitate wildlife based conservation and environmental education.

USGS Water School: www.usgs.gov/special-topics/water-science-school/teachers-resources-water-education

A collection of resources including diagrams and poster, virtual lessons, lesson plans, and data.

To learn more about South Dakota & Nebraska based field trips, classroom programming, and virtual learning options:

BlackHillsParks.org/education-resource-hub/

Mission – BHPFA exists to support wonder & exploration through stewardship of YOUR public lands.

BHPFA is an official non-profit partner of the National Park Service and US Forest Service in South Dakota and Nebraska and operates retail stores at partner locations. A portion of store proceeds is given to partners for education materials and programs. The 2023 allocation to partners is \$88,100.

For more information, contact BHPFA – blackhillsparks.org or 605-745-7020