



ART CONTEST 2022

BLACK HILLS PARKS & FORESTS ASSOCIATION

WATER IS EVERYWHERE!

Suggested topics to align with South Dakota 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? (K-LS1-1) (1-LS1-1) (2-LS2-1, 2-LS4-1)
- > Water shapes the land. (2-ESS1-1, 2-ESS2-1)
- > Water is everywhere! What bodies of water are near you? (K-ESS3-3)(2-ESS2-2, 2-ESS2-3)
- > Local weather patterns and variations (K-ESS2-1, K-ESS3-1) (2-ESS1-1)
- > Clean water is important for human health and safety. How can humans reduce pollution and impacts on water sources? (K-ESS3-3)

3rd Grade - 5th Grade Topics:

- > Animals and plants need water to survive. What adaptations do prairie animals and plants have to meet their needs? (3-LS3-1, 3-LS3-2, 3-LS4-2, 3-LS4-3, 3-LS4-4) (4-LS1-1, 4-LS2) (5-LS1-1)
- > Prairie animal food chains and food webs (5-PS3-1, 5-LS1-1)
- > South Dakota was once covered in water as an inland sea. What do fossils tell us about the adaptations, traits, and environment that existed long ago? (3-LS3-1, 3-LS4-1) (4-ESS1-1)
- > The South Dakota landscape is shaped through weathering and erosion. What role does water play in this? Through history how has the South Dakota landscape been shaped by water? (4-ESS1-1, 4-ESS2-1, 4-ESS2-2) (5-ESS2-2)
- > Explain the water cycle, how does it impact where you live? (5-ESS2-1)
- > Everyone lives in a watershed, where does your water come from? Learn about the watershed you live in. (5-ESS2-1, 5-ESS2-2)
- > Clean water is important for human health and safety. How can humans reduce pollution and impacts on water sources? (4-ESS3-2) (5-SS3-1)

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 based field trips, classroom programming, and virtual learning options:
BlackHillsParks.org/education-resource-hub/*

BHPFA is an official non-profit partner of Wind Cave NP, Jewel Cave NM, Scotts Bluff NM, Agate Fossil Beds NM, Black Hills NF, Nebraska NF & Grasslands and the National Grasslands Visitor Center. BHPFA operates 16 retail stores for these five agencies. A portion of store proceeds is provided to the partners for educational materials and programs. The 2020 allocation to partners is \$59,450. This significant funding fills gaps left by federal funding shortfalls and allows BHPFA partners to fulfill their critical missions of sustaining and preserving our natural legacies. For more information about BHPFA, check out the website at BlackHillsParks.org or call 605|745|7020.



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