



Minnesota Outdoors Year Overview Year Long - Alternate Day

Minnesota Outdoors 6,7,8 - Course Description:

Unit	Forestry	Fire	Winter Survival + Recreation	Citizen Science	Minnesota Plants + Animals and Phenology
Quarter	1	1+2	2+3	3	3-4
Duration	5-6	6	11-12	3	11-12
Lessons & Activities	-Leaf Chromatography -Leaf type identification -Using Field Guides and Dichotomous Keys -Field Identification -Sustainable Forestry Practices	-Fire Safety -Wildfire study -Flint and Steel Fire Making -Bowdrill Fire Making -Match Fire Making -Model dugout canoe making	-Quinzee Building -Snowshoeing -Track ID and Interpretation -Learning about Historical Survival Events -Overwintering Projects	-Research and Engage in Citizen Science Projects	-Building a Class Phenology Calendar -Sketching for Field Journals -Creating Urban Wildlife Journal
Instructional Materials	-<i>Trees Of Minnesota</i> by Stan Tekiela -<i>University of Wisconsin Tree ID Practice</i>	-<i>Polynesian Cultural Center</i> -<i>USFS Campfire Safety Reading</i> -<i>Article: Dakota History of Dugout Canoes</i>	-<i>Snowkiting</i> -<i>Winter Water Photography</i> -<i>Geocaching</i> -<i>Project Wild</i> -<i>Life in the Cold</i> By Peter Marchand -<i>"Endurance"</i>	-<i>Zooniverse Citizen Science</i>	-<i>Cornell Lab of Ornithology</i> -<i>National Phenology Network</i>
Summative	N/A	N/A	N/A	N/A	N/A
MN Academic Standards Addressed	Though this course is not aligned with standards from any particular grade level, many science standards from multiple grades are addressed.	Though this course is not aligned with standards from any particular grade level, many science standards from multiple grades are addressed.	Though this course is not aligned with standards from any particular grade level, many science standards from multiple grades are addressed.	Though this course is not aligned with standards from any particular grade level, many science standards from multiple grades are addressed.	Though this course is not aligned with standards from any particular grade level, many science standards from multiple grades are addressed.

Timelines and resources are flexible based on student need and instruction; reach out to Jessica Torrison (torrison.jessica@slpschools.org) if you have any further questions



**St. Louis Park
Middle School**

Reminders:

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