Science on the Slopes Environmental Education & Wellness Program



Program Topics: Contents





Earth Science

Geology of Balance Rock Hiking to Balance Rock Water Cycle & watershed ES Frameworks to Balance Rock & water cycle ES Frameworks to Conservation & Stewardship



Engineering & Technology

Equipment of snowmaking video 1 Business of snowmaking video 2 Basics of snow gun design Eng/Tech Frameworks related to snowmaking Chair lift design challenge Cardboard box race activity



Life Science

Importance of Trees and Old Growth Forest **Interactions within Ecosystems Habitat Scavenger Hunt** Wachusett's Green Giants **Wachusett Wildflowers** Old Growth historical images & map Life Science Curriculum Frameworks



Physical Science

Natural snowmaking process Human snowmaking process Best conditions for snowmaking what's the wet bulb temp mean & activity **VIDEO- Wachusett Mountain Snowmaking** Physical Science Frameworks of snowmaking



Health & Wellness

Hiking trails at Wachusett Generic field trip outline Article- benefits for children to be outdoors Why Tree Hugging is Good for your mental health Health Frameworks brainstorm page Forest bathing (shinrin-yoku)