

## Duluth Parks-An Outdoor Tradition

### Trails Segment

Grade level 5

Minnesota Standards:

5.4.4.1.1 Give examples of beneficial and harmful human interaction with natural systems. For example: Recreation, pollution, wildlife management.

5.5.1.1 Analyze participation in physical activity and describe the personal impact it has on mental emotional health, physical health, social health, and cognitive health.

5.8.8.8 Create an individual or shared multimedia work or digital text for a specific purpose (e.g., to create or integrate knowledge, to share experiences or information, to persuade, to entertain, or as artistic expression.) a. Evaluate the Fair Use of each visual element or piece of music used in a media work and create a list documenting the source for each found image or piece of music. b. Publish the work and share it with an audience.

Time Frame: 1 week

Main Idea/Concept: Students will explore city parks and trails, and how they are beneficial or harmful for human interactions with the environment. They will find information to back up their opinions. Students will then go on a hike with their peers and document the experience with digital photos. After the hike students will make a multi-media presentation to share with their peers about the impact of human interaction with the environment.

Learning Activities:

1. Set lesson
  - a. Do you use trails in our area?
  - b. How do you use trails (answers may vary)
  - c. How are trails made? Surface types? Where are they located?
2. Watch trails segment of Duluth Parks
3. Research trail building and maintenance, and look into city planning. Draw parallels between trails and trail uses and the environment around the trails.
4. Go for a hike with a way to take digital photos. Have students focus on the trails themselves and the interactions of the trail system with the environment around it.
5. Use the photos and the information to create a power point or other digital presentation.
  - a. make sure students list their sources
6. Present to class, presentations should take 3-4 minutes a piece.

Closure:

Evaluation: students will be graded on their presentation, content and presentation.

\*note, if you have time, it may be interesting to ask the city parks planner or someone similar to come to be interviewed, or go on your hike with you.