

<u>Themes</u>	<u>Concept</u>	<u>Language Arts</u>		<u>Math</u>		<u>Science</u>	
Transportation - Grade 5- Winter		<u>Activities</u>	<u>Resources</u>	<u>Activities</u>	<u>Resources</u>	<u>Activities</u>	<u>Resources</u>
WINTER <u>Values</u> Respect Sharing Compassion Success Generosity Self-esteem Trust Cooperation Conflict resolution	snowshoes dog sleds	Descriptive Writing: students will look at pictures of transportation from then and now. Use pictures from icsd112.ca They will do a before activity of writing attributes lists for the transportation of then and now. Once attribute lists complete students will use the attribute list to write a descriptive paragraph about the transportation for then, and a descriptive paragraph about transportation now CELS: CRITICAL AND CREATIVE THINKING INDEPENDENT LEARNING PERSONAL AND SOCIAL VALUES AND SKILLS	Icsd112.ca	Students will measure the distances between the school and Entertainment Centre in meters. Then four different modes of transportation will be taken on the route: snowshoeing, cross country skiing, dog sledding and walking. Students will time how long each mode of transportation takes, and graph the results on a bar graph to see the most effective mode of transportation. CELS: COMMUNICATION CRITICAL AND CREATIVE THINKING NUMERACY TECHNOLOGICAL LITERACY	Snowshoes Skis Dogsled Dogs Trundle wheel Stop watch Parent volunteers	Simple machines How do simple machines reduce friction to lessen the effort required by humans. Students will complete the experiment on friction in the <i>Simple Machines Unit</i> Written by Paul and Clare Reid After the experiment students will create their own design of a sleigh or sled build a model of it and test to see how well it moves. Research and analyze the effect of modern transportation on our natural renewable and nonrenewable resources (idiling vehicles) CELS: CRITICAL AND CREATIVE THINKNG COMMUNICATION INDEPENDENT LEARNING TECHNOLOGICAL LITERACY	<i>Simple Machines Unit</i> Paul and Clare Reid Materials to build a sled or sleigh: straws, chopsticks, car wheels, anything round, card board boxes internet

Social Studies		Health		Arts		Phys. Ed	
<u>Activities</u>	<u>Resources</u>	<u>Activities</u>	<u>Resources</u>	<u>Activities</u>	<u>Resources</u>	<u>Activities</u>	<u>Resources</u>
<p>Students will compare how they travel in their daily lives to how their grandparents and elders traveled in the past – the comparison will be displayed using a Venn diagram</p> <p>Explorer travel routes from Europe to Canada</p> <p>Effects of winter in Canada on Explorers</p> <p>Disease brought to Canada by Europeans and the effects on aboriginal people</p> <p>CELS: CRITICAL AND CREATIVE THINKING COMMUNICATION</p>	<p>Venn diagrams Grandparents Elders</p>	<p>Students will determine the calories being burnt during math activities with each mode of transportation. They will discuss which mode is the best form of exercise to maintain a healthy life.</p> <p>How is food safely transported around world for all people to enjoy?</p> <p>CELS: NUMERACY COMMUNICATION CRITICAL AND CREATIVE THINKING</p>	<p>Calorie chart</p> <p>Internet</p>	<p>Drama: using the interviews done in social about travel and transportation with elders, students in groups will create skit about travel and transportation then and now.</p> <p>Visual Arts: Create models for transportation methods used in winter, snow shoe. View pictures of weaving a snowshoe.</p> <p>Dance: Use interpretive dance to use body to show feelings when using different modes of transportation.</p> <p>CELS: COMMUNICATION CRITICAL AND CREATIVE THINKING PERSONAL AND SOCIAL SKILLS AND VALUES</p>	<p>Venn diagrams created in Social Studies Props discovered at home and in school</p> <p>willow, sinew <i>Métis Legacy II</i> l. Barkwell, L. Dorion & A. Hourne</p>	<p>Students will measure the distances between the school and Entertainment Centre in meters. Then four different modes of transportation will be taken on the route: snowshoeing, cross country skiing, dog sledding and walking. Students will time how long each mode of transportation takes, and graph the results on a bar graph to see the most effective mode of transportation.</p> <p>CELS: COMMUNICATION CRITICAL AND CREATIVE THINKING NUMERACY TECHNOLOGICAL LITERACY</p>	<p>Snowshoes Skis Dogsled Dogs Trundle wheel Stop watch Parent volunteers</p>