Mighty Mining Machines

Newfoundland & Labrador	
Grade 5	
Unit i: Integrated Skills	
General Curriculum Outcomes:	GCO 2 (Skills): Students will develop the skills required for scientific and technological inquiry, for solving problems, for communicating scientific ideas and results, for working collaboratively, and for making informed decisions.
Specific Curriculum Outcomes:	8.0 select and use tools 9.0 follow procedures 11.0 make observations and collect information that is relevant to the question or problem 12.0 record observations 15.0 classify according to several attributes and create a chart or diagram that shows the method of classifying 16.0 compile and display data 18.0 draw a conclusion that answers an initial question
Unit 2: Forces and Simple Machines	
General Curriculum Outcomes:	GCO 1 (STSE): Students will develop an understanding of the nature of science and technology, of the relationships between science and technology, and of the social and environmental contexts of science and technology. GCO 3 (Knowledge): Students will construct knowledge and understandings of concepts in life science, physical science, and Earth and space science, and apply these understandings to interpret, integrate, and extend their knowledge.
Specific Curriculum Outcomes:	44.0 investigate different kinds of forces used to move objects or hold them in place 45.0 observe and describe how various forces can act directly or from a distance to cause objects to move 52.0 design the most efficient lever to accomplish a task 53.0 demonstrate the use of rollers and wheel and axles in moving objects