



Subject - strands	Overall Expectations	IPM sites
<ul style="list-style-type: none"> <li>• <b>Fundamental movement skills</b> include locomotion/traveling, manipulation, and stability.</li>   <li>• <b>Active participation</b> includes physical activity, physical fitness, living skills, and safety.</li> </ul>	<ul style="list-style-type: none"> <li>• perform the movement skills required to participate in games, gymnastics, dance, and outdoor pursuits alone and with others: locomotion/traveling (e.g., running in patterns in game activities), manipulation (e.g., catching, throwing), and stability (e.g., transferring their weight) <ul style="list-style-type: none"> <li>• demonstrate the principles of movement while refining their movement skills (e.g., matching the movements of a partner in a sequence).</li> </ul> </li> <li>• participate on a regular basis in physical activities that maintain or improve physical fitness (e.g., one-on-one or two-on-two soccer-type games) <ul style="list-style-type: none"> <li>• identify the components of physical fitness and describe physical activities that improve these components</li> <li>• apply living skills (e.g., goal setting, conflict-resolution techniques, and interpersonal skills that contribute to positive group interaction) to physical activities (e.g., games, gymnastics, dance, outdoor pursuits)</li> <li>• follow safety procedures related to physical activity, equipment, and facilities.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Language</b> <ul style="list-style-type: none"> <li>• Oral Communication</li> </ul> </li>   <li>• Reading</li>   <li>• Writing</li>   <li>• Media Literacy</li> </ul>	<ul style="list-style-type: none"> <li>• listen in order to understand and respond appropriately in a variety of situations for a variety of purposes <ul style="list-style-type: none"> <li>• use speaking skills and strategies appropriately to communicate with different audiences for a variety of purposes</li> <li>• reflect on and identify their strengths as listeners and speakers, areas for improvement, and the strategies they found most helpful in oral communication situations.</li> </ul> </li> <li>• read and demonstrate an understanding of a variety of literary, graphic, and informational texts, using a range of strategies to construct meaning <ul style="list-style-type: none"> <li>• recognize a variety of text forms, text features, and stylistic elements and demonstrate understanding of how they help communicate meaning</li> <li>• use knowledge of words and cueing systems to read fluently;</li> <li>• reflect on and identify their strengths as readers, areas for improvement, and the strategies they found most helpful before, during, and after reading.</li> </ul> </li> <li>• generate, gather, and organize ideas and information to write for an intended purpose and audience <ul style="list-style-type: none"> <li>• draft and revise their writing, using a variety of informational, literary, and graphic forms and stylistic elements appropriate for the purpose and audience</li> <li>• use editing, proofreading, and publishing skills and strategies, and knowledge of language conventions, to correct errors, refine expression, and present their work effectively</li> <li>• reflect on and identify their strengths as writers, areas for improvement, and the strategies they found most helpful at different stages in the writing process.</li> </ul> </li> <li>• demonstrate an understanding of a variety of media texts <ul style="list-style-type: none"> <li>• identify some media forms and explain how the conventions and techniques associated with them are used to create meaning</li> <li>• create a variety of media texts for different purposes and audiences, using appropriate forms, conventions, and techniques</li> <li>• reflect on and identify their strengths as media interpreters and creators, areas for improvement, and the strategies they found most helpful in understanding and creating media texts.</li> </ul> </li> </ul>	<p><b>Complete your 2008 IPM School Passport</b> with information obtained at the Plowing Match to be used later in the classroom.</p> <p><b>Woodlot</b></p> <ul style="list-style-type: none"> <li>• Learn the meaning of these terms - old growth, managed forest, cavity trees, and wildlife diversity.</li> </ul> <p><b>Plowing</b></p> <ul style="list-style-type: none"> <li>• Ride the wagon to the plow fields and experience horse plowing, antique tractor plowing, and competitive plowing</li> <li>• View plowing on the big screen in Tented City.</li> </ul> <ul style="list-style-type: none"> <li>• Signs throughout Tented City will challenge the children to gather, use and report information using their language skills.</li> </ul>

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<p><b>Mathematics</b></p> <ul style="list-style-type: none"> <li>• <b>Number Sense and Numeration</b> (Quantity Relationships; Counting; Operational Sense)</li>   <li>• <b>Measurement</b> (Attributes, Units, and Measurement Sense; Measurement Relationships)</li> <li>• <b>Geometry and Spatial Sense</b> (Geometric Properties; Geometric Relationships; Location and Movement)</li>   <li>• <b>Patterning</b> (Patterns and Relationships)</li>   <li>• <b>Data Management and Probability</b> (Collection and Organization of Data; Data Relationships; Probability)</li> </ul>	<ul style="list-style-type: none"> <li>• read, represent, compare, and order whole numbers to 100 000, decimal numbers to hundredths, proper and improper fractions, and mixed numbers</li> <li>• demonstrate an understanding of magnitude by counting forward and backwards by 0.01</li> <li>• solve problems involving the multiplication and division of multi-digit whole numbers, and involving the addition and subtraction of decimal numbers to hundredths, using a variety of strategies</li> <li>• demonstrate an understanding of proportional reasoning by investigating whole-number rates.</li> <li>• estimate, measure, and record perimeter, area, temperature change, and elapsed time, using a variety of strategies</li> <li>• determine the relationships among units and measurable attributes, including the area of a rectangle and the volume of a rectangular prism.</li> <li>• identify and classify two-dimensional shapes by side and angle properties, and compare and sort three-dimensional figures</li> <li>• identify and construct nets of prisms and pyramids</li> <li>• identify and describe the location of an object, using the cardinal directions, and translate two-dimensional shapes.</li> <li>• determine, through investigation using a table of values, relationships in growing and shrinking patterns, and investigate repeating patterns involving translations</li> <li>• demonstrate, through investigation, an understanding of the use of variables in equations.</li> <li>• collect and organize discrete or continuous primary data and secondary data and display the data using charts and graphs, including broken-line graphs</li> <li>• read, describe, and interpret primary data and secondary data presented in charts and graphs, including broken-line graphs</li> <li>• represent as a fraction the probability that a specific outcome will occur in a simple probability experiment, using systematic lists and area models.</li> </ul>	<p><b>Woodlot</b></p> <ul style="list-style-type: none"> <li>• Count how many children it takes to hug a tree.</li> </ul> <p><b>Plowing</b></p> <ul style="list-style-type: none"> <li>• Ride the wagon to the plow fields and experience horse plowing, antique tractor plowing, and competitive plowing</li> <li>• View plowing on the big screen in Tented City.</li> </ul>
<p><b>Science &amp; Technology</b></p> <ul style="list-style-type: none"> <li>• <b>Life Systems</b> Human Organ Systems</li>   <li>• <b>Matter and Materials</b> Properties of and Changes in Matter</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrate an understanding of the structure and function of the respiratory, circulatory, digestive, excretory, and nervous systems, and the interactions of organs within each system</li> <li>• investigate the structure and function of the major organs of the respiratory, circulatory, digestive, excretory, and nervous systems</li> <li>• demonstrate understanding of factors that contribute to good health.</li> <li>• demonstrate an understanding of the three states of matter and of changes in state</li> <li>• investigate common changes of state (e.g., melting, freezing, condensing, evaporating) and make informed choices about materials when finding solutions to problems in designing and constructing objects</li> </ul>	<p><b>Animal Courtyard</b></p> <ul style="list-style-type: none"> <li>• Beef, Dairy, Goats, Horses, Pigs, Rabbits, Sheep displays and demonstrations.</li> <li>• Life cycles of farm animals and the relationship of animals in agriculture to our food supply</li> </ul>

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<ul style="list-style-type: none"> <li>• <b>Energy and Control</b> Conservation of Energy</li>   <li>• <b>Structures and Mechanisms</b> Forces Acting of Structures and Mechanisms</li>   <li>• <b>Earth and Space Systems</b> Weather</li> </ul>	<ul style="list-style-type: none"> <li>• identify the properties that make different materials useful in everyday products and discuss the environmental impact of their use.</li> <li>• demonstrate an understanding of the importance of conservation of energy in relation to the wise use of renewable and non-renewable energy sources</li> <li>• design and construct devices that use a form of energy to meet a specific need or want, and investigate how the energy is transferred to a specified output</li> <li>• evaluate the reasons for conserving natural resources and identify possible ways of conserving energy.</li> <li>• demonstrate an understanding of the effect of forces acting on different structures and mechanisms</li> <li>• design and make load-bearing structures and different mechanisms, and investigate the forces acting on them</li> <li>• evaluate the design of systems that include structures and mechanisms, and identify modifications to improve their effectiveness.</li> <li>• demonstrate an understanding of the major climatic factors and patterns associated with weather</li> <li>• investigate the major climatic factors associated with weather, and design, construct, and test a variety of instruments for recording various features of the weather</li> <li>• examine how weather forecasts influence decisions concerning human activity and how humans have adapted to a variety of weather conditions.</li> </ul>	<ul style="list-style-type: none"> <li>• Tented City sites marked by <b>“The Schoolhouse”</b> will provide education on solar powered maple syrup production, organic farming systems, and renewable energy sources.</li>   <li>• Farm Machinery Row - showcasing technology for the future of farming.</li>   <li><b>The Natural Connections Tent</b> <ul style="list-style-type: none"> <li>• Solar, wind, water power state of the art technology displays</li> <li>• Think “Green” Live “Green” Saving our environment displays</li> </ul> </li>   <li><b>Woodlot</b> <ul style="list-style-type: none"> <li>• Count how many children it takes to hug a tree.</li> <li>• Look for the stick nests. Listen for the call of the owls and the hard working pileated woodpeckers.</li> <li>• Visit the forest that squirrels built. • Learn the meaning of these terms - old growth, managed forest, cavity trees, and wildlife diversity.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li><b>Social Studies (1-6)</b></li> <li>• <b>Heritage and Citizenship</b> Early Civilizations</li> </ul>	<ul style="list-style-type: none"> <li>• identify and compare the ways in which people in various early civilizations met their physical and social needs, including how they interacted with and used the natural environment</li> <li>• use a variety of resources and tools to investigate characteristics of a number of early civilizations, including their significant innovations and technological advances</li> </ul>	<ul style="list-style-type: none"> <li><b>Antiques &amp; Historical - A Walk Down Memory Lane</b> <ul style="list-style-type: none"> <li>• Demonstrations of antique farm machinery.</li> <li>• Displays of antique collections and memorabilia.</li> </ul> </li>   <li>• <b>Tourism Tent</b></li>   <li>• <b>Bruce County Museum Tent</b></li> </ul>

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<p><b>• Canada and World Connections</b> Aspects of Citizenship and Government in Canada</p>	<ul style="list-style-type: none"> <li>• show how innovations made by various early civilizations have influenced the modern world.</li> <li>• summarize the structures, functions, and interactions of Canada's federal, provincial/territorial, and municipal governments, and identify and describe significant Canadian symbols, ceremonies, buildings, and political figures</li> <li>• use a variety of resources and tools to gather and analyze information about government processes, the rights of groups and individuals, and the responsibilities of citizenship in Canada, including participation in the electoral process</li> <li>• identify concrete examples of how government plays a role in contemporary society and of how the rights of groups and individuals and the responsibilities of citizenship apply to their own lives.</li> </ul>	