

APPENDIX A

Potential ESD Themes

| Grade | Potential Theme and Cluster Connections | Potential Theme and Cluster |
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| Kindergarten | Needs | Trees |
| | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 3: The World Around Me Science <ul style="list-style-type: none"> ■ Cluster 1: Trees Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 3. Safety | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 3: The World Around Me Science <ul style="list-style-type: none"> ■ Cluster 1: Trees Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 3. Safety |
| Grade 1 | Needs/Wants | Weather Safety Needs |
| | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 2: My Environment Science <ul style="list-style-type: none"> ■ Cluster 4: Daily and Seasonal Changes Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 3. Safety | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 2: My Environment Science <ul style="list-style-type: none"> ■ Cluster 4: Daily and Seasonal Changes Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 3. Safety |
| Grade 3 | Needs: Worldwide | Responsibilities: Soils |
| | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 2: Exploring the World Science <ul style="list-style-type: none"> ■ Cluster 4: Soils in the Environment Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management | Social Studies <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 2: Exploring the World Science <ul style="list-style-type: none"> ■ Cluster 4: Soils in the Environment Physical/Health Education <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management |

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| Grade 4 | Sustainability: Manitoba's Plants & Animals | Aboriginal Peoples' Relationships with the Land |
| | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 3: Living in Manitoba <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Habitats and Communities <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Cluster 3: Living in Manitoba <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Habitats and Communities <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management |
| Grade 7 | Human Actions: Climate Change | Human Actions: Ecosystems |
| | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Managing Information and Ideas ■ Skills: Critical and Creative Thinking ■ Cluster 4: Human Impact in Europe or in the Americas <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Interaction within Ecosystems <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Managing Information and Ideas ■ Skills: Critical and Creative Thinking ■ Cluster 4: Human Impact in Europe or in the Americas <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Interaction within Ecosystems <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management |

| Grade 9 | Quality of Life in Canada | Electricity Issues in Manitoba |
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| | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Critical and Creative Thinking ■ Cluster 4: Canada: Opportunities and Challenges <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 0: Overall Skills and Attitudes ■ Cluster 3: The Nature of Electricity <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Critical and Creative Thinking ■ Cluster 4: Canada: Opportunities and Challenges <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 0: Overall Skills and Attitudes ■ Cluster 3: The Nature of Electricity <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management |
| Grade 10 | Resource Extraction | Bioaccumulation |
| | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Critical and Creative Thinking ■ Cluster 2: Natural Resources <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Dynamics of Ecosystems <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management | <p>Social Studies</p> <ul style="list-style-type: none"> ■ Skills: Active Democratic Citizenship ■ Skills: Critical and Creative Thinking ■ Cluster 2: Natural Resources <p>Science</p> <ul style="list-style-type: none"> ■ Cluster 1: Dynamics of Ecosystems <p>Physical/Health Education</p> <ul style="list-style-type: none"> ■ 1. Movement ■ 4. Personal and Social Management |