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| Instructions for Using Remote Learning Projects |
| These materials were developed with the intention of easing the transition between in-class and temporary remote learning. Learning experiences are aligned with curricular outcomes and assessment tools have been included with each project. **Note:*** 1. The teacher either sends a link to the appropriate project or sends the document itself.
	2. The teacher ensures that parents/caregivers receive any required school supplies (bin with pencils, markers, paper, etc.).
	3. The teacher reassures parents/caregivers that communication will be maintained between home and school.
	4. Parents/caregivers may access additional resources at:
		+ My Learning at Home ([www.edu.gov.mb.ca/k12/mylearning](http://www.edu.gov.mb.ca/k12/mylearning))
		+ My Child in School ([www.edu.gov.mb.ca/k12/mychild/index.html](http://www.edu.gov.mb.ca/k12/mychild/index.html))
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| PROJECT OVERVIEW  |
| Grade: | Kindergarten |
| Main Subject: | Social Studies |
| Big Idea: | The Natural Environment |
| Title: | HOW DOES THE NATURAL WORLD AROUN ME HELP ME LIVE? |
| Cluster: | The World around Me |
| Duration: | 2–3 weeks; best if spiraled and woven throughout the year |
| Materials: | * PowerPoint and BLMs
* Internet
* appropriate weather clothes as required
* access to nature to collect natural items
* various items from around the house
* paper, pencils, pencil crayons, markers or paints, toilet or paper towel cardboard rolls, string or ribbon, stapler or tape, paint or stickers, scissors
* branches, yarn or twine
* optional: digital camera or smart phone (used with parent/caregiver permission and supervision)
 |
| Short Description: | In this learning experience, students will explore and discover how the natural world around them helps them live through a variety of play-based activities. Students will explore and observe nature, and sort and create using natural items. Students are also introduced to Indigenous perspectives about Mother Earth and how to care for our Earth, in this learning experience. The unit was designed to be primarily teacher- or caregiver-led, -guided, -supervised, with some independent work completed by the student. |

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| Learning Outcomes  |
| Social Studies: www.edu.gov.mb.ca/k12/cur/socstud/foundation\_k/index.html 0-KL-012, 0-KL-013, 0-VL-003Mathematics: www.edu.gov.mb.ca/k12/cur/math/k\_support/index.htmlK.SS.2, K.N.2English Language Arts: www.edu.gov.mb.ca/k12/cur/ela/framework/index.htmlGrade K to 2 Band Practices, Elements and Descriptors–Language as Sense Making, Language as System Language as Power and Agency Language as Exploration and DesignScience: www.edu.gov.mb.ca/k12/cur/science/outcomes/k-4/kindergarten.pdfK-1-02, K-2-07Visual Arts: www.edu.gov.mb.ca/k12/cur/arts/index.htmlStudents generate and use ideas from a variety of sources for creating art: K-1A-C1.1, K-1A-C1.2,K-2A-I3.1Physical Education/Health Education: www.edu.gov.mb.ca/k12/cur/physhlth/kindergarten.html#HealthyTaking Care of Yourself: K.5.K.A.1 |

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| Assessment |
| LANGUAGE ARTS | MATHEMATICS | SCIENCE | SOCIAL STUDIES |
| COMP. Listening & Viewing | COMP. Reading | COMM.Speaking & Represent. | COMM.Writing | Critical Thinking | Knowledge and Understanding | Mental Math & Estimation | Problem Solving | Knowledge andUnderstanding | Scientific Inquiry Process | Design Process & Problem Solving | Knowledge and Understanding | Research and Communication | Critical Thinking and Citizenship |
| X | X | X | X | X | X | X |  | X |  |  | X | X | X |

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| Original concept created by:  | K. Berezka and D. Mayer |

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| Learning Experiences and Assessment |
| Question: How does the natural world around me help me live? |
| **Teacher’s instructions**Use the PowerPoint, the notes on each slide, the Black Line Masters, and the rubric “I can…” statements to guide learning. It is recommended that you read through the PP, slide notes, and BLMs before beginning this learning experience and adapt/amend/modify it to your students’ needs and strengths. Links are embedded in the PP slides but also in the notes for each slide for easier access.This learning experience was developed in a project-style format using a PowerPoint and Blackline Masters to guide learning. However, kindergarten students learn best when learning is spiraled and woven throughout the whole school year, revisited several times, to deepen understanding and appreciation for the natural world. Therefore, it is recommended that this learning experience be part of a year-long focus on the natural world around us.This learning experience contains many play-based activities because Kindergarten children learn best while playing and engaging in rich tasks. Please keep in mind that during periods of remote learning, Kindergarten students are to engage in one to two hours per day of play-based learning. Kindergarten children benefit from support from the adult guidance and supervision during the active exploration and play in nature. Much of the play-based learning suggestions involve an outdoor component which promotes and nurtures physical and mental health. |
| Sight word suggestions for this unit: nature, help, live, natural, constructed, sort, same, different, play, weave, physical, work, clothing, food, shelter, beauty, beautiful, important, action, Earth, and environment. (Adapted from: [K Cluster 3. Social Studies](https://www.edu.gov.mb.ca/k12/cur/socstud/foundation_k/cluster3.pdf), p. 128)If you choose to have children draw and write about their exploration of nature, please note that kindergarten children can show what they know by drawing pictures and writing down the sounds they can hear in the words they want to write. Kindergarten students are not expected to know how to spell whole words. Children need to know it is their ideas that matter, and we encourage them to write what they can hear and not worry about knowing all the letters they need to spell a word. Kinders need to be able to draw and write letters or words to show what they want to say; we don't expect children to know the correct spelling for words in kindergarten. Children can record their thoughts with pictures, letters, and words they know to represent their ideas.If students do not have access to technology, you may wish to print out some of the PowerPoint slides, BLMs and/or any of the following resources to send home for caregivers to use with students:* [Manitoba Parks Nature Detective booklet.pdf (gov.mb.ca)](https://www.gov.mb.ca/sd/pubs/parks-protected-spaces/education/generic_detective.pdf)
* [nature-playbook.pdf (parks-parcs.ca)](https://parks-parcs.ca/wp-content/uploads/2020/09/nature-playbook.pdf)
* [why-do-sunflowers-love-the-sun-pratham-FKB.pdf (freekidsbooks.org)](http://freekidsbooks.org/wp-content/uploads/2021/04/why-do-sunflowers-love-the-sun-pratham-FKB.pdf)
* [avani-and-the-pea-plant-pratham-fkb.pdf (freekidsbooks.org)](https://freekidsbooks.org/wp-content/uploads/2020/05/avani-and-the-pea-plant-pratham-fkb.pdf)
* [FKB\_Learn-Sight-Words-Print\_friendly-Save\_the\_Planet.pdf (freekidsbooks.org)](https://freekidsbooks.org/wp-content/uploads/2019/12/FKB_Learn-Sight-Words-Print_friendly-Save_the_Planet.pdf)
* [FKB-Stories-The-Sea.pdf (freekidsbooks.org)](https://freekidsbooks.org/wp-content/uploads/2020/05/FKB-Stories-The-Sea.pdf)
* [Free Printable Children's Mini Books. (dltk-teach.com)](https://dltk-teach.com/minibooks/index.htm)
* Instructions for the Branch of Life or Nature Weaving can be found and printed from pp. K13-K16 [kindergarten sustainable development poster activities.pdf (gov.mb.ca)](https://www.edu.gov.mb.ca/k12/esd/poster_activities/kindergarten.pdf)
* page 10: [https://media.curio.ca/filer\_public/4f/0c/4f0c4d35-a957-4434-9d10-6abe1f4c268e/gbk\_curriculum-spring-v10](https://media.curio.ca/filer_public/4f/0c/4f0c4d35-a957-4434-9d10-6abe1f4c268e/gbk_curriculum-spring-v10.pdf)

**Step-by-step instructions for students**Enjoy the learning by noticing, wondering, asking questions, sharing your thinking during discussion times, and thinking about the natural world around you and how it helps you live.Follow the teacher instructions and have fun! |

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| APPENDIX (Printable Support Materials Including Assessment) |
| Blackline Master 1: Story Book RetellBlackline Master 2: Scientist JournalBlackline Master 3:Sorting: Natural or Constructed ElementsBlackline Master 4a: ABC PracticeBlackline Master 4b: My Favourite LettersBlackline Master 5: Which One Doesn’t BelongBlackline Master 6a-1: Exploring Nature Using SightBlackline Master 6a-2: Exploring Nature Using SoundBlackline Master 6a-3: Exploring Nature Using SmellBlackline Master 6a-4: Exploring Nature Using TouchBlackline Master 6a-5: Exploring Nature Using TasteBlackline Master 6b: Exploring Nature ReflectionBlackline Master 7: How to Care for Mother Earth Video NotesBlackline Master 8: Natural World around Me Sight WordsKindergarten Integrated Subjects Rubric.docx |

Blackline Master 1

**Story Book Retell**

Tell and/or act out the story for a teacher, friend, or family member. Now draw pictures and/or write letters and some words to help you retell the story.

|  |
| --- |
| Story title:  |
| FIRST |  |
| NEXT |  |
| THEN |  |
| LAST |  |

Blackline Master 2

**Scientist Journal**

I see a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It is …

Blackline Master 3

**Sorting: Natural or Constructed Elements**

Are the 10 items you collected outside and inside your home natural or constructed? Place the items or draw pictures of the items in its proper column below.

|  |  |
| --- | --- |
| Natural   | Constructed  |
|  |  |

Adaped from Manitoba Education, Social Studies, Kindergarten BLM # K.3.2b [www.edu.gov.mb.ca/k12/cur/socstud/foundation\_k/blms/index.html#cluster3](https://www.edu.gov.mb.ca/k12/cur/socstud/foundation_k/blms/index.html#cluster3)

Blackline Master 4a

**ABC Practice**

As you listen to the ABC book, rewrite the letter in upper and lower case and draw a picture and/or write the word of the item from the book that matches the letter.

|  |  |  |
| --- | --- | --- |
| Letter | Printed Letter | Drawing and/or Word from the Book |
| Aa |  |  |
| Bb |  |  |
| Cc |  |  |
| Dd |  |  |
| Ee |  |  |
| Ff |  |  |
| Gg |  |  |
| Hh |  |  |

|  |  |  |
| --- | --- | --- |
| Ii |  |  |
| Jj |  |  |
| Kk |  |  |
| Ll |  |  |
| Mm |  |  |
| Nn |  |  |
| Oo |  |  |
| Pp |  |  |
| Qq |  |  |
| Rr |  |  |

|  |  |  |
| --- | --- | --- |
| Ss |  |  |
| Tt |  |  |
| Uu |  |  |
| Vv |  |  |
| Ww |  |  |
| Xx |  |  |
| Yy |  |  |
| Zz |  |  |

Blackline Master 4b

**My Favourite Letters**

Choose your 2 favourite letters from the Canada ABC book or the ABC’s of Canada book and draw and write about it in the box below.

|  |
| --- |
| **I like the letter \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the book.** |
|  |
| **I like the letter \_\_\_\_\_\_\_\_\_\_\_\_\_ in the book.** |
|  |

Blackline Master 5

**Which One Doesn’t Belong?**

Draw four arrangements of natural element objects and ask a friend or family member which one they think doesn’t belong.

|  |  |
| --- | --- |
|  |  |
|  |  |

Blackline Master 6a–1

**Exploring Nature Using Sight**

I see a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It helps me live by …

Blackline Master 6a–2

**Exploring Nature Using Sound**

I hear a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It helps me live by …

Blackline Master 6a–3

**Exploring Nature Using Smell**

I smell a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It helps me live by …

Blackline Master 6a–4

**Exploring Nature Using Touch**

I feel a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It helps me live by …

Blackline Master 6a–5

**Exploring Nature Using Taste**

I taste a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

It helps me live by …

Blackline Master 6b

**Exploring Nature Reflection**

|  |  |
| --- | --- |
| **I saw:** | **I heard:** |
| **I smelled:** | **I felt:** |
| **I tasted:** | **I thought:** |

Blackline Master 7

**Learning How to Care for Mother Earth Video Notes**

[Learning how to care for Mother Earth with Elder Dave Courchene](https://www.youtube.com/watch?app=desktop&v=p7oW9HgIRsI):

(3:31 minutes)

* Spend as much time as we can on the land
* Out of the land we get everything we need to live and to survive
* How can we incorporate more mother earth into our lives?
* Mother Earth is the real teacher to understand life and through nature (wind, birds, animals, trees) we hear the voice of that spirit
* Make the effort to be with the land
* Hug a tree, feel the life within that tree, begin to feel the life of all creation
* Talk to the trees, talk to the water, talk to creation
* What does creation say back? A voice of how much love Mother Earth wants to share with us
* Key message of mother earth is “I bring you love”
* Our duty and responsibility are to reciprocate that love and give it back to Mother Earth by taking care of her, looking after her, respecting her
* The voice is not heard in your head but heard from the heart itself
* How do we offer love back to Mother Earth? To express love back to Mother Earth, never take more from the land than what you need in order to live
* Offer words of gratitude to Mother Earth giving her thanks for all that she gives us in order to live and survive
* It’s all about values and teachings that returns that expression of love that comes from the earth itself
* We all need to learn this simple truth—THE EARTH IS A LIVING ENTITY
* Mother Earth is alive just like any other creation we see in the world

Blackline Master 8

**Natural World around Me Sight Words**

|  |  |  |
| --- | --- | --- |
| **nature** | **help** | **live** |
| **natural** | **constructed** | **sort** |
| **same** | **different** | **play** |
| **weave** | **physical** | **work** |
| **clothing** | **food** | **shelter** |
| **beauty** | **beautiful** | **important** |
| **action** | **Earth** | **environment** |

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| **Kindergarten Integrated Subjects Rubric for “How does the natural world around me help me live?” Project** |
|  **Extending Expanding Emerging** **Blooming Budding Sprouting** |
| **Report Card Subject Category and Student Learning Targets** | **Very good to Excellent****(4)** | **Good****(3)**  | **Basic****(2)** | **Limited****(1)** |
| **Student almost always …** | **Student usually …**  | **Student requires occasional teacher, caregiver, or peer support to …** | **Student requires considerable, ongoing teacher/caregiver support to …**  |
| **Social Emotional Development/Learning Behaviours** * I can follow directions.
* I can be kind and respectful with others while learning about the natural world around me.
* I can share my ideas and opinions.
* I can positively contribute to discussions and activities about the natural world around me.
 |   |  |  |   |
| **Awareness of Self and the Environment/Integrated Subjects or Studies/Cultural Development*** I can ask questions about the world around me.
* I can describe the natural world around me.
* I can create drawings and art about the natural world around me.
* I can show interest, care, and concern for the natural world around me.
* I can talk about how the natural world around me helps me.
* I can describe characteristics of my local physical environment.
* I can sort and compare.
* I can share my ideas and opinions.
 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Literacy Development/Beginning Literacy*** I can retell the \_\_\_\_\_ story in order.
* I can talk about what I am learning about the natural world around me.
* I can draw and write about what I am learning about the natural world around me using some letter sounds and some sight words.
* I can find things in the world around me that start with the letter \_\_\_\_\_\_.
 |  |  |  |  |
| **Numeracy Development/Beginning Numeracy** * I can name familiar arrangements of 1-6 pictures of natural objects (subitize).
* I can sort 3-D objects using a single attribute (natural/constructed
 |  |  |  |  |
| **Creative Expression and Artistic Development*** I can create drawings and art about the natural world around me.
 |  |  |  |  |
| **Physical Development/Gross and/or Fine Motor Development*** I can use efficient grip with writing and drawing tools.
* I can draw features accurately.
* I can be physically active outdoors.
 |  |  |  |  |