



BC Agriculture in the Classroom Foundation

Spuds in Tubs

My Spuds in Tubs Journal

Students will use this journal resource to record observations, answer questions, and visualize their learning while participating in the Spuds in Tubs growing program.

Subject Levels/ Suggested Grade

Kindergarten English Language Arts

Kindergarten Math

Kindergarten Science

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Grade and Subject	Curricular Competencies	Content Connections
Kindergarten English Language Arts	Use language to identify, create, and share ideas, feelings, opinions, and preferences Use developmentally appropriate reading, listening, and viewing strategies to make meaning	• Making meaning using predictions and connections; • Making meaning from story using pictures, patterns, memory, and prior knowledge; • Recognizing familiar words/names • Concepts of print • Letter knowledge and formation
Kindergarten Math	Estimate reasonably Develop mental math strategies and abilities to make sense of quantities Model mathematics in contextualized experiences Visualize to explore mathematical concepts Develop and use multiple strategies to engage in problem solving Represent mathematical ideas in concrete, pictorial, and symbolic forms	• Number concepts • Direct comparative measurement • Concrete or pictorial graphs as a visual tool
Kindergarten Science	Demonstrate curiosity and a sense of wonder about the world Observe objects and events in familiar contexts Ask simple questions about familiar objects and events Make exploratory observations using their senses Safely manipulate materials Experience and interpret the local environment Represent observations and ideas by drawing charts and simple pictographs	• Basic needs of plants and animals • Adaptations of local plants • Weather changes

Teacher Background

Growing potatoes is an exciting classroom process and leads to young learners exploring scientific inquiry, engaging with mathematical concepts of counting and measurement, and communicating their observations via writing and drawings. Early learners will be able to use this journal resource to communicate their journey of planting, caring for, and harvesting potatoes from start to finish.

This journal booklet is designed to be used as part of the Spuds in Tubs growing program through BCAITC. For more information on this program, please visit www.bcaitc.ca and look up Spuds in Tubs under the Programs tab.

Materials

- Spuds in Tubs growing kits
- Spuds in Tubs Handbook
- Student handouts:
 - My Spuds in Tubs Journal

Use

The following list is a suggested guide to match pages in My Spuds in Tubs Journal with stages in the Spuds in Tubs Handbook

"Meet My Seed Potato"	Stage 1, Stage 2
"Planting Day!"	Stage 2
"What Do Our Plants Need to Survive?"	Stage 1, Stage 2, Stage 3, Stage 4, Stage 5
"The Growing Chart Data"	Stage 3, Stage 4
"Harvest Day Treasure Hunt!"	Stage 6, Stage 7, Stage 8
"My Favourite Way to Eat a Potato"	Stage 7, Stage 8

Extension Activities

- Explore additional potato lessons and activities at www.bcaitc.ca/resources/
- Visit a potato farm or invite a potato farmer into the classroom to speak about their career.
- Compare the growing cycle of a potato plant to other plants, including flowers, fruits, and vegetables grown in gardens in your city.

Credit

This lesson was generously shared with BC Agriculture in the Classroom by teachers at Mulgrave School in Vancouver, BC.