



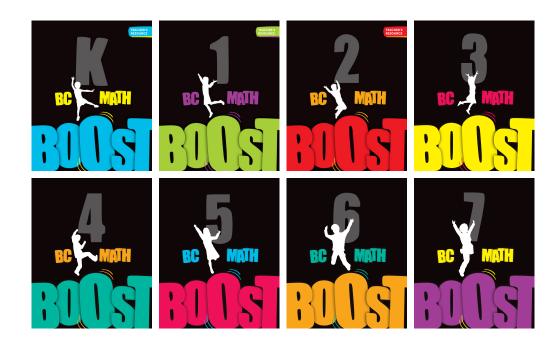


About BC Math Boost

BC Math Boost are supplemental materials that support your current math resources and ensure complete coverage of the redesigned BC mathematics curriculum. Students will continue to learn and develop Core and Curricular Competencies in mathematics through new, customized lessons developed to fill the gaps in existing resources. Nelson developed these materials to ensure seamless integration by providing teachers with detailed direction and guidance on to how use *BC Math Boost* in combination with current resources, lessons, and classroom teaching plans.

Key Features

- Includes all the lessons, masters, and teaching notes you need to fill the gaps in your current math resources
- Includes a Summary Chart showing where these new lessons fit with current math resources and what lessons from current resources can be omitted
- Identifies the Learning Standards addressed for each lesson, including the Curricular Competencies and Content
- Financial literacy and First Peoples perspectives and knowledge are embedded throughout the series



Resource Component Overview

For Students

| Kindergarten-Grade 2 | | Grade |
|----------------------|--|----------|
| | Activity Blackline Masters | Stude |
| | Activity Blackline Masters included in the Teacher's | 1 |
| | Resource | Ea Ea |
| | | SC |
| | | pr |
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For Teachers

| Kindergarten-Grade 2 | Grades |
|--|---|
| Teacher's Resource Summary Charts: Summary Charts show where BC Math Boost lessons integrate with Math Focus and Math Makes Sense Identifies where new lessons fit Identifies where new lessons fit Identifies when an existing lesson can be omitted Identifies Core Competencies, Curricular Competencies, and Content Learning Standards addressed by each chapter and leagen | Teacher Sum Ο S Ιε |
| and lesson Assessment includes <i>What to Look For</i> and <i>What to Do</i> charts with each lesson Online Teacher's Resource Online access to the Teacher's Resource and Activity Blackline Masters <i>Summary Charts</i> correlate to <i>Nelson Math Focus</i> and <i>Math Makes Sense</i> Math activities related to First Peoples Principles of Learning, including background information | Assemise sugg Prep Mat. Online Online Stud Sum and Mat Lear |



es 3–7

ent Resource

- Student Resource per grade
- ach lesson includes worked examples and
- olutions; as well as reflecting, checking, and
- practising questions

es 3–7

ner's Resource

- ummary Charts:
- Summary Charts show where BC Math Boost
- lessons integrate with Math Focus and Math
- Makes Sense
- Identifies where new lessons fit
- Identifies when an existing lesson can be omitted
- Identifies Core Competencies, Curricular Competencies, and Content *Learning Standards* addressed by each chapter and lesson
- ssessment for Learning chart includes
- isconceptions and differentiated instruction
- reparation and Planning charts and lath Background

e Teacher's Resource

- nline access to the Teacher's Resource and
- tudent Module for Grades 3–7
- ummary Charts correlate to Nelson Math Focus nd Math Makes Sense
- lath activities related to First Peoples Principles of earning, including background information





Teacher's Resource

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Teacher's Resource Summary Chart

Unit 2: Number Section C: Number to 10

Summary Chart

Core Competencies Focus 🤍

- ▲ Students acquire social responsibility as they con. cate their reasoning about numbers and hear their classmates' reasoning. Sharing their thinking with a positive tritude leads to building relationships for work and for socializing.
- ▲ Students can develop critical thinking strategies for dealing with numbers ... numbers. They question and investigate representations of decomposed numbers an onnections among the numerical values of the parts and the whole.

Big Idea: Numbers represent quantities that can be decomposed into smaller parts.

Big Idea: One-to-one correspondence and a sense of 5 and 10 are essential for fluency with numbers.

| Resources | Learning Standards | |
|---|---|---|
| Math Focus Kindergarten Math Boost Kindergarten | Curricular Competencies Focus | Co |
| Jump In Math Focus Teacher's Resource, pages 180–181 | Rease and analyzing: Model mathematics antextualized experiences | |
| I: Main Circle Activity Counting by Is, <i>Math Focus</i> Teacher's Resource, page 182 | Connecting and reflecting Connect mathematical concepts each other and to other areas and personal interests | number concepts to 10 |
| 2: Main Circle Activity | Connecting and reflecting: | • number co to 10 |
| Ten Fish, <i>Math Focus</i> Teacher's Resource, page 183 | Connect mathematical concepts to each other and to other areas and | Pennies are used as . |
| | personal interests | Discussion about the poste about how First Peoples w Northwest provided food n for their whole community. with poles and hooks, they to catch more fish. |
| 2: Circle Activity Show This Many, <i>Math Focus</i> Teacher's Resource, page 184 | Connecting and reflecting: Reflect on mathematical thinking | number concepts to 10 ways to make 5 decomposition of number |
| 2: Tabletop Activity Telling Number Stories, Math Focus Teacher's Resource, page 185 | Communicating and representing: Represent mathematical ideas in concrete, pictorial, and symbolic forms | number concepts to 10 ways to make 5 |
| 2: Tabletop Activity Ten Apples, <i>Math Focus</i> Teacher's Resource, page 186 | Communicating and representing: Represent mathematical ideas in concrete, pictorial, and symbolic forms | number concepts to 10 ways to make 5 change in quantity to 10, |
| 2: Tabletop Activity Colour Cube Towers, Math Focus Teacher's Resource, page 187 | Reasoning and analyzing: Estimate reasonably | number concepts to 10 ways to make 5 |
| Activity D: Main Circle Activity How Many Bees?, Math Boost Teacher's Resource, page 36 | Reasoning and analyzing: Estimate reasonably | number concepts to 10 decomposition of number |
| | | |

16 Summary Chart for Using *Math Boost Kindergarten* and *Math Focus Kindergarten*

Sample Masters included in this sampl

Sample Lesson included in this sampler

NEL





v learn about decomposing

ontent 🧧

rials to focus on counting. ster c i include talking who fishes the Pacific for just for the. The but ty. Rather than only no ley also used nets and traps

ers to 10

, using concrete materials

ers to 10

Summary Charts show how BC Math *Boost* lessons can be integrated with existing resources to ensure 100% alignment to the new BC curriculum

Identifies Core Competencies, Big Ideas, Curricular Competencies, and Content Learning Standards

Identifies when to use lessons from existing resources and when to use BC Math Boost lessons

Identifies lessons in existing resources that no longer address Learning Standards and can be omitted

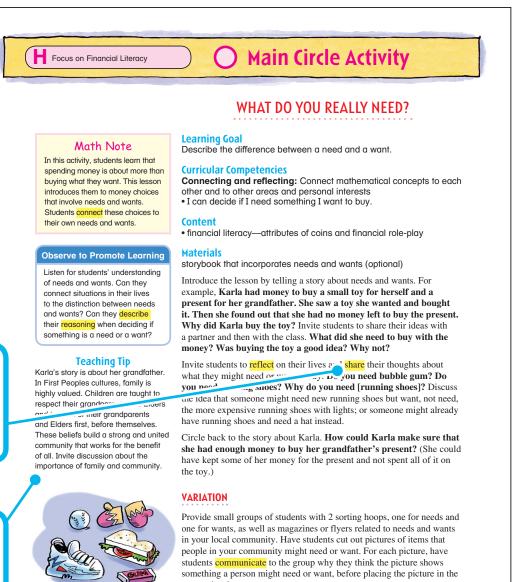
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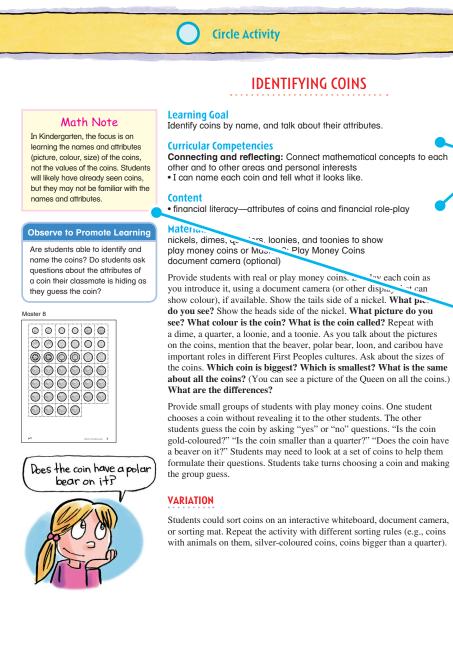
Teacher's Resource

Activity H: Main Circle Activity: What Do You Really Need?



Teacher's Resource

Activity H: Identifying Coins



Highlighted words focus on curricular competencies addressed in the lesson

First Peoples perspectives and knowledge embedded throughout

appropriate hoop.

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ev each coin as

Identifies the Learning Standards addressed for each lesson, including the Curricular Competencies and Content

Math Note provides background information on the topic to support teachers

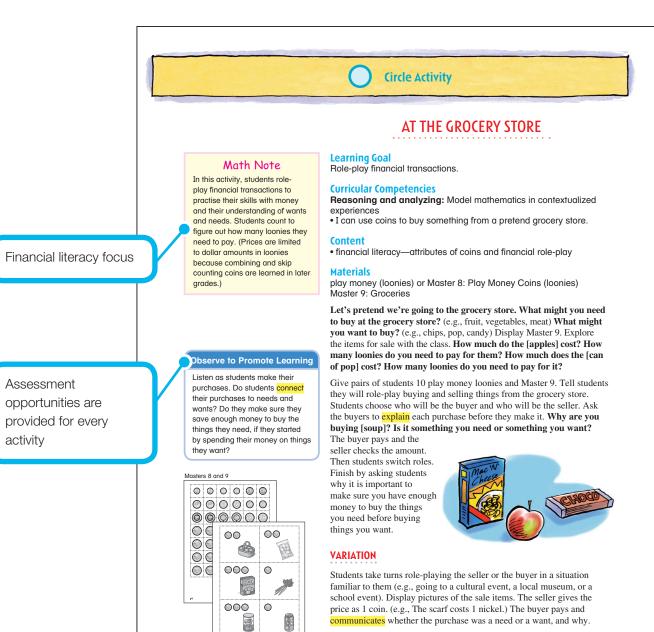


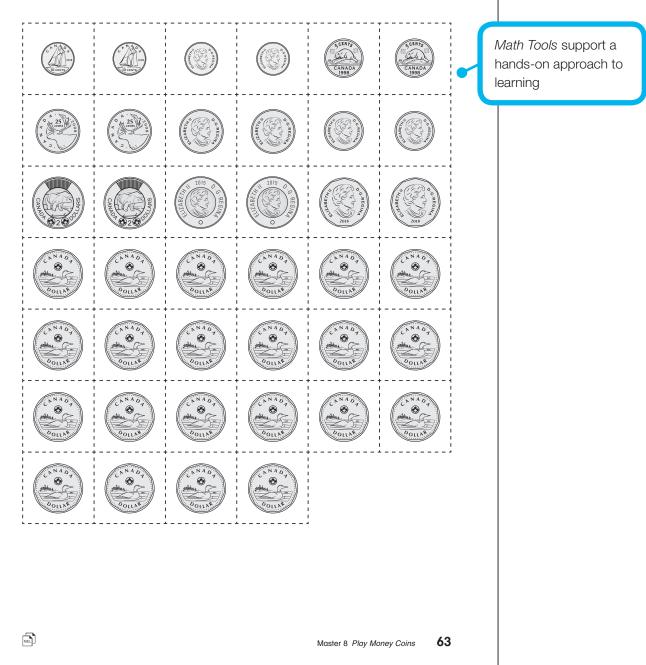


Teacher's Resource

Activity H: Circle Activity: At the Grocery Store







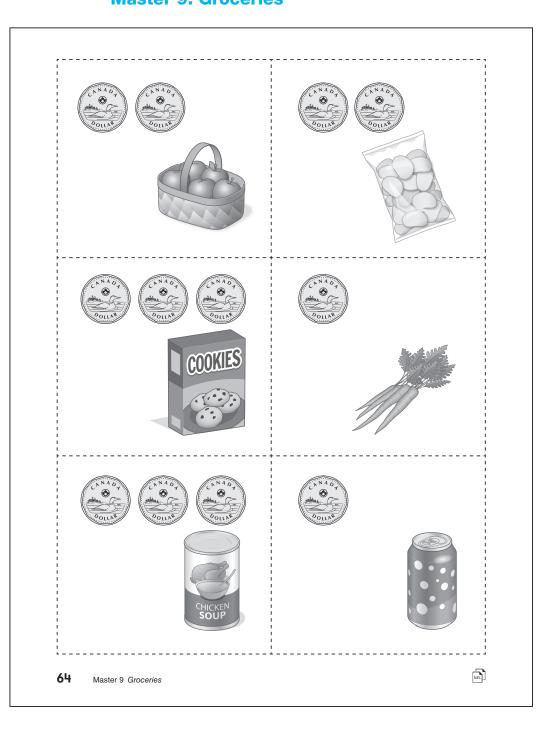






Student Resource Master 9: Groceries

Notes



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