

## 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


For Students

## Kindergarten-Grade 2

## Activity Blackline Masters

Activity Blackline Masters included in the Teacher's Resource

For Teachers
Kindergarten-Grade 2

## Teacher's Resource

- Summary Charts:

O 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

- Assessment includes What to Look For and What to Do charts with each lesson


## Online Teacher's Resource

- Online access to the Teacher's Resource and Activity Blackline Masters
- Summary Charts correlate to Nelson Math Focus and Math Makes Sense
- Math activities related to First Peoples Principles of Learning, including background information


## Grades 3-7

Student Resource

- 1 Student Resource per grade
- Each lesson includes worked examples and solutions; as well as reflecting, checking, and practising questions


## Grades 3-7

our

- Summary 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
- Assessment for Learning chart includes misconceptions and differentiated instruction suggestions
- Preparation and Planning charts and Math Background
Online Teacher's Resource
- Online access to the Teacher's Resource and Student Module for Grades 3-7
- Summary Charts correlate to Nelson Math Focus and Math Makes Sense
- Math activities related to First Peoples Principles of Learning, including background information


Teacher's Resource
Table of Contents


Teacher's Resource
Summary Chart

|  |  |  | Summary Charts show how BC Math Boost lessons can be integrated with existing resources to ensure $100 \%$ alignment to the new BC curriculum |
| :---: | :---: | :---: | :---: |
| Chapter 4: Data Relationships <br> Summary Chart for Using Math Boost 5 and Math Focus 5 <br> Core Competencies Focus <br> Students add to their repertoire of communication skills as i. onstruct double-bar graphs and make diagrams, charts, and graphs to represent and solve problems. Stut learn to acquire, interpret, and present information in a variety of formats and consider how the way data easier to interpret |  |  |  |
| © Students develop a sense of social responsibility as they work with data. They see examples of people contributing to community and caring for the environment as they interpret and graph data about Pow Wow participation, volunteer work, animal shelters, recycling, and healthy food choices. |  |  | Identifies Core <br> Competencies, Big <br> Ideas, Curricular |
| Resources <br> Math Focus 5 <br> Math Boost 5 | Learning <br> Curricular Competencies |  | Content Learning Standards |
| Studen Book, pages 116-117, Math Focus Teacher's Resource, Chapter 4, page | Reasoning aıru and make connections |  |  |
| Getting Started: Graphing Favourite Authors, Math Focus Student Book, pages II8-1 19, Math Focus Teacher's Resource, Chapter 4, pages 9-12 | Communiading and ropesesinis: Explain and justify mat ideas and decisions |  | Identifies when to use lessons from existing |
| 4.1: Exploring Types of Data, Math Focus Student Book, pages 120-121, Math pages 13-15 |  |  | resources and when to use BC Math Boost |
| 4.2: Using First-Hand Data, Math Focus Student Book, pages 122-125, Math pocus Teach 16-20 |  | This lesson does not address the British Columbia Grade 5 Learning Standards Conten | lessons |
| 4.3: Using Second-Hand Data, Math Focus Student Book, pages I26- Math Focus Teacher's Resource, Chapter 4, pages 21-24 |  | This leson doos not dodiress the British |  |
| Math Game: Matching Data, Math Focus Student Book, page I29, Math Focus Teacher's Resource, Chapter 4 pages 25-26 |  |  | Identifies lessons in |
| Mid-Chapter Review: Math Focus Student Book, pages 130-131, Math Focus Teacher's Resource, Chapter 4 pages 27-29 pages 27-2 |  | This lesson does not address the British | existing resources that no longer address |
| Lesson I: Interpreting and Constructing Double-Bar Graphs, Math Boost Student Resource, pages 34-37, Math Boost Teacher's Resource, pages 62-66 | Connecting and reflecting: worldviews and perspectives to concepts | - one-to-one correspondence and many-to-on correspondence, using double bar graphs This lesson presents double-bar graphs with espondence | Learning Standards and can be omitted |
|  |  |  |  |



Teacher's Resource
Lesson H: Making Financial Plans




Teacher's Resource
Lesson H: Making Financial Plans


Teacher's Resource
Lesson H: Making Financial Plans



## Student Resource

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## Student Resource

Lesson H: Making Financial Plans



## Student Resource

Lesson H: Making Financial Plans

A. How did Mateo calculate his income for each week?
B. How did Mateo calculate his expenses for each week?
C. Explain how Mateo calculated the amount he saved each week.
D. Continue Mateo's chart. How long will it take him to save for the goat?

Reflecting
E. If Mateo had not received $\$ 25$ for his birthday, would it take him longer to save for the goat? Explain
F. How could Mateo save for the goat faster?

## Checking

income<br>$\$ 35$ eachweek<br>cotting lawns<br>fence next weekend<br>Expenses

- $\$ 6$ each week for
snacks
a) How murh is his
b) How much are his expenses each week?
c) Copy and complete the chart to make a budget for Landry. How long will it take him to save for the skateboard?

Student Resource
Lesson H: Making Financial Plans

## Practising

2. Miche's local Metis Association had a car wash to raise money to help pay for their trip to the Métis Music Festival in Williams Lake.
a) The group washed 30 cars. How much did they earn? b) An organizer told Michel the car wash supplies cost $\$ 80$. How much money did they raise for the trip? c) Talk with a few classmates. Why did the organizers need to budget for the cost of the car wash supplies?
3. Erin wants to adopt a kitten for $\$ 199$. Her parents gave her $\$ 75$. She earns $\$ 40$ every week as a dog

a) Use a chart to help you make a budget. How long will it take Erin to save for the kitten?
b) What could Erin do to save for the kitten faster?
c) Make a new budget to show your change. How long will it take Erin to save for the kitten now?
4. William has the same income and expenses every month He wants to spend $\$ 10$ every month on a video game.

## Income

$\$ 45$ from babysitting
$\$ 20$ from yard work
Expenses
24 for bus fare to soccer practices $\$ 40$ for snacks after soccer practices
a) How much money does William have left ove each month?
b) William wants to spend $\$ 10$ every month on a game. With a partner, discuss what William could do to help him reach that goal. Write down the idea that you think would help William the most.


Student Resource
Notes
Lesson H: Making Financial Plans
5. Jiang needs to buy a new bike because she outgrew her old bike.

- She earns $\$ 20$ each week.
- She spends $\$ 2$ each week for a snack after ringette
- Jiang's parents gave her $\$ 50$ for Chinese New Year.
a) for the bike shown?
b) At the end of the fir
first week, Jiang saw a bike for $\$ 70$ at a yard sale. Can Jiang buy the bike? Explain.

6. Pretend you won $\$ 50$ in a story-writing contest about cleaning up a beach for environment day.
a) Make a list of items you might buy with this money
b) Order the list, starting with the item you want the
most. What would you decide to buy?
c) Would you spend all the money? Explain
$\qquad$

want to baga new game, bat I need to bay new
earbads because mold arbads reaken

7. Pretend you earn $\$ 15$ every week. Research the price of an item you want to save for
a) What does this item cost? nore the tax
b) Is this item something you need or something you want? Explain.
c) List your weekly expenses. They can be real or pretend.
d) Make a budget to find out how long it would take you to save for this item.
8. What is important to think about when you want to reach a financial goal?
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## Order Information

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| Kindergarten |  |
| :---: | :---: |
| Classroom Set <br> (Includes Teacher's Resource and Activity Blackline Masters) | 9780176775100 |
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