

# CPM Student eBook Introduction

This tutorial describes the overall structure and components of a CPM eBook Student Version. All eBook courses have the same general structure. Choose one of the formats for an overall video tour or select a topic for step by step instruction.

## Video Tour

- 💡 Video (Vimeo): [Student eBook Introduction](#)
- Video (YouTube): [Student eBook Introduction](#)

## Topic Instruction

### 1. Accessing your eBook

#### 1.1. When logging in the first time, agree to the terms.

- Scroll down.
- Find the green button, and click on "I Agree".
- Book covers will appear.
- Click on any book cover to enter the eBook.



## eBook End User Terms of Use

Last Modified: March 9, 2021

Please agree to the End User Terms of Use to access the ebooks.

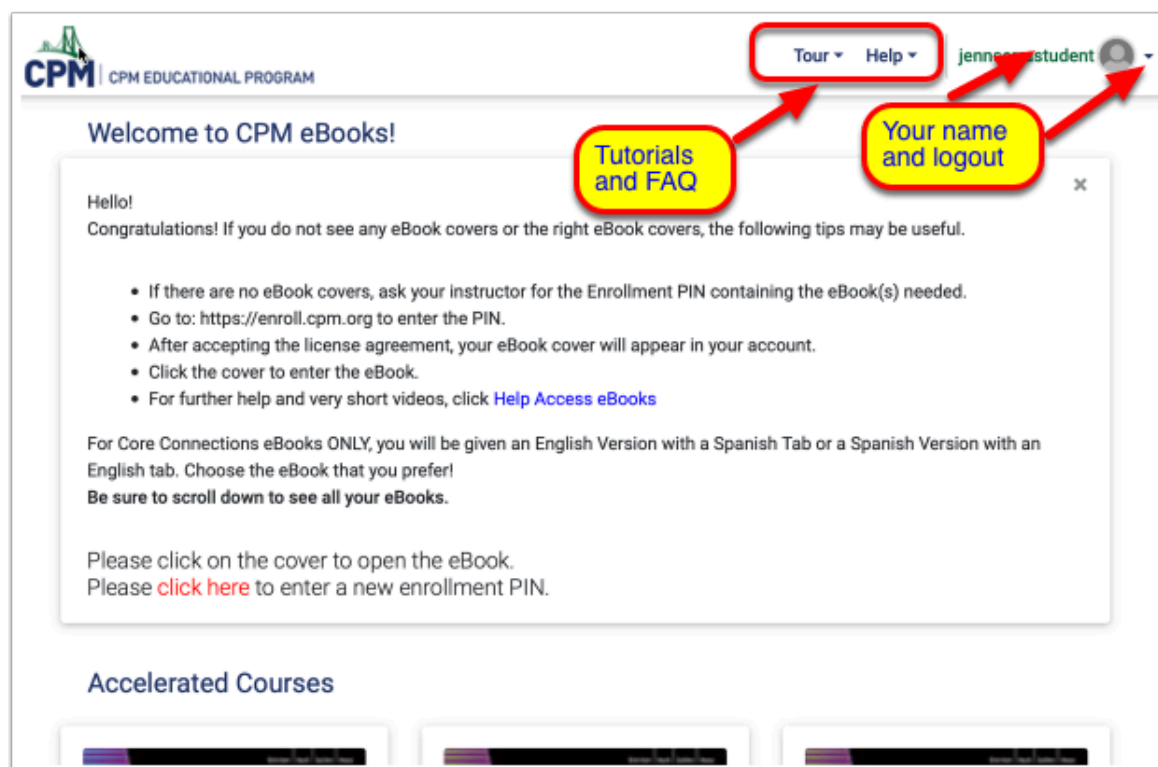
These eBook End User Terms of Use ("Terms of Use") govern your use of the following Content Items which are all publications of CPM Educational Program, a California non-profit mutual benefit corporation ("Licensor" or "CPM"):

- Core Connections, Course 1
- Core Connections, Course 2
- Core Connections, Course 3
- Inspirations & Ideas
- Core Connections Algebra
- Core Connections Geometry
- Core Connections Algebra 2
- Core Connections Integrated I
- Core Connections Integrated II
- Core Connections Integrated III
- Precalculus Third Edition
- Calculus Third Edition
- Statistics
- Computer Science Java
- Pre-Calculus with Trigonometry

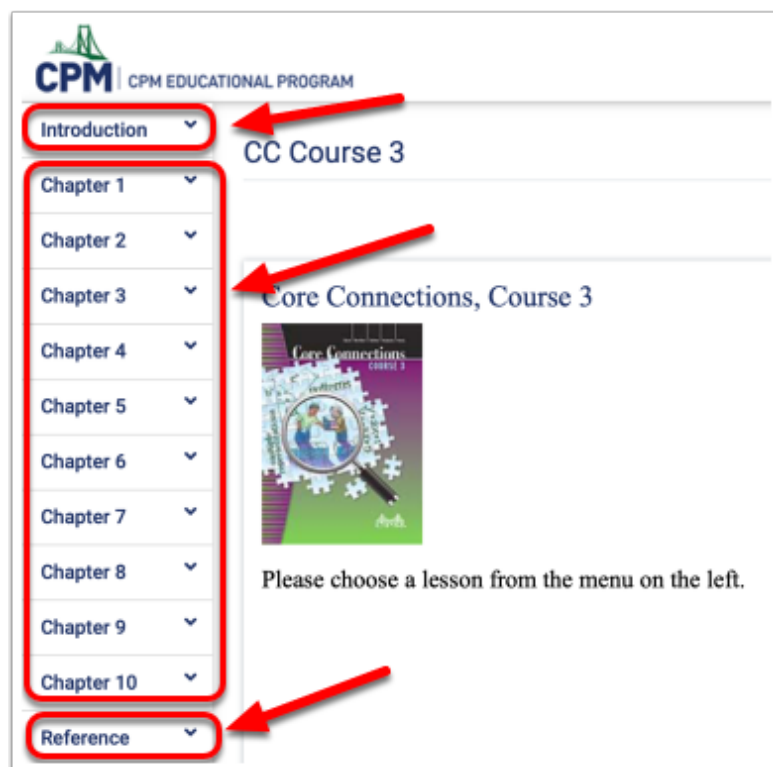
**1.2. On the top bar, locate the Tour and Help menus. Tutorials and trouble shooting ideas are located here.**

**!** Note: Access the eBooks using Chrome, Safari, or Firefox. Internet Explorer may or may not work depending on your version.



## 2. Internal structure of a CPM eBook

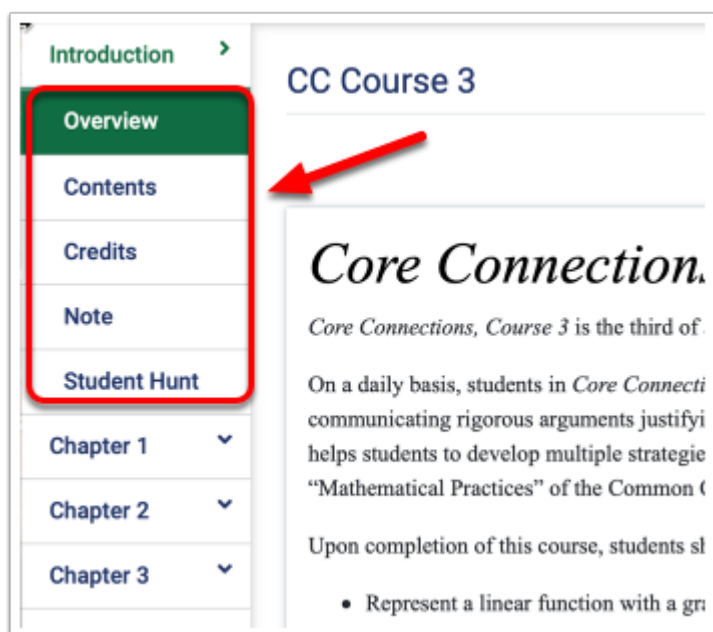
Each student eBook has three parts: **Introduction, Chapters, & Reference.**



## 2.1. Introduction

💡 There are 5 sections in the Introduction. Click on any of the tabs to view.

- **Overview:** An outline of the course
- **Contents:** This is a Table of Contents viewed as a list or separately by chapter with the tabs at the top. The links navigate directly into the eBook.
- **Credits:** List of authors and contributors
- **Note:** This is a note to the student to encourage the student to actively engage in his/her own math learning and exploration.
- **Student Hunt:** This is a virtual scavenger hunt to explore the contents of the eBook.



## 2.2. Chapters

- Click a chapter tab to view the lessons within the chapter.
- Click the lesson tab to view the problems within the lesson. Encourage your teacher to assign homework by the problem numbers and not page numbers. The eBooks do not have page numbers.
- View the lesson in English or in Spanish.
- Click blue links for eTools, resource pages, or vocabulary pop-ups!

The screenshot shows the CPM Student eBook interface. On the left is a sidebar with a table of contents. The main area displays the content for 'Lesson (ENG)' and 'Lección (ESP)'. The title is '6.1.1 How can I move a shape on a grid?'. Below the title is the section 'Rigid Transformations'. The text describes how to move a shape on a grid without changing its size or shape, using transformations like sliding, turning, and flipping. It mentions a 'Key-Lock Puzzle' and provides instructions on how to use the 'Key-Lock Puzzle' (CPM) to solve the puzzle. There are three yellow callout boxes with red arrows pointing to specific features: 'English or Spanish Tabs' points to the 'Lesson (ENG)' and 'Lección (ESP)' tabs; 'Chapter Tab' points to the 'Chapter 6' tab in the sidebar; 'Open Lesson Tab Highlighted' points to the '6.1.1' tab in the sidebar. There is also a 'Clickable Vocabulary Pop-Up' box pointing to a puzzle piece icon and a 'Clickable eTool' box pointing to a set of transformation buttons (up, down, left, right, rotate, and a lightning bolt icon).

💡 TIP: Hover over any of the lesson tabs to find problem numbers. This is not available for mobile devices.

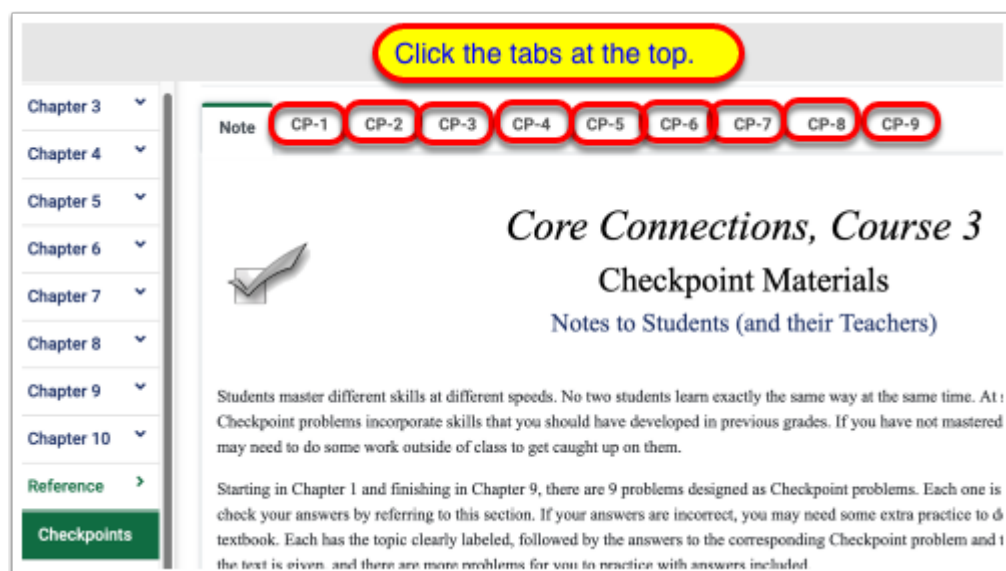


## 2.3. Reference

The reference section typically has the Index and glossary, Checkpoints, and Student Support. In addition, various eBooks may contain additional topics.

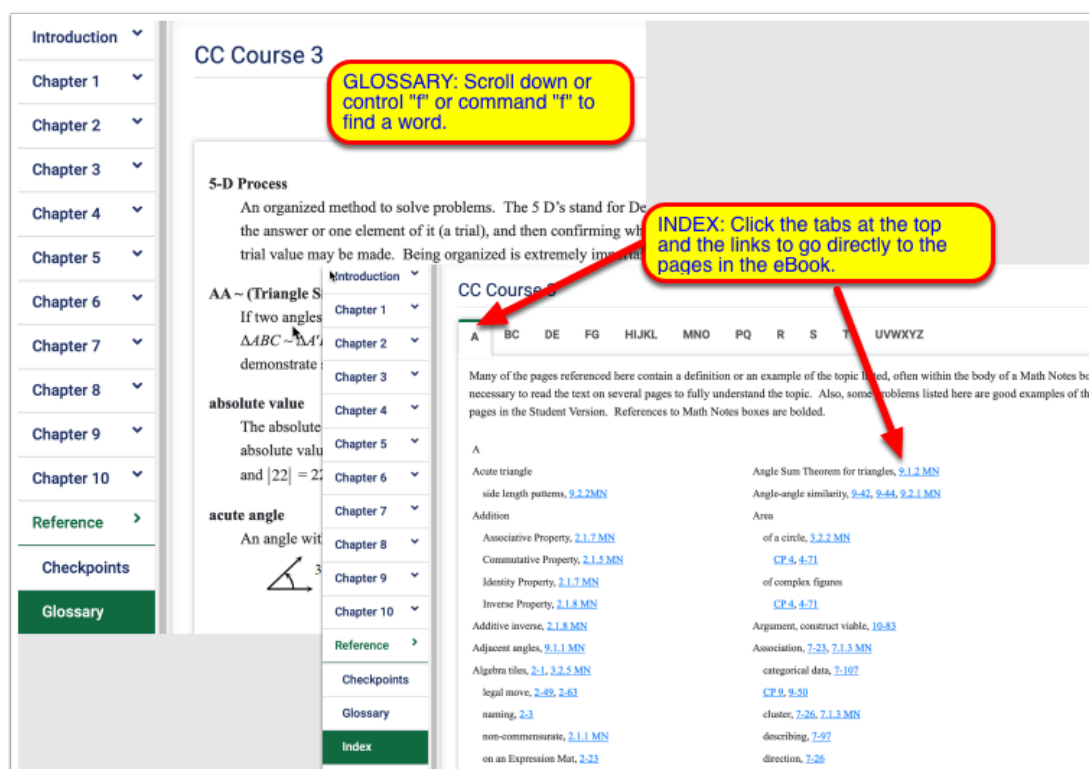
### CHECKPOINTS

- The checkpoint materials allow students to monitor their progress and offer review materials with a set of practice problems.
- Click the tabs above to navigate to all of the checkpoints.



## GLOSSARY & INDEX

- Students may search of the glossary for definitions of key words within the textbook or search the index to find where key concepts are introduced and used within the textbook.
- Vocabulary items within the textbook that are colored blue are pop-ups from the glossary section.



## STUDENT SUPPORT

Student support has tabs across the top for a variety of support. Students will be able to access specific eTools, math notes, resource pages, and more. Below is an example from *Core Connections, Course 3*.

CC Course 3

[eTools](#)
[Homework Help](#)
[Learning Logs](#)
[Math Notes](#)
[Parent Guide](#)
[Resource Pages](#)
[Toolkits](#)
[Weekly Tips](#)

## Core Connections, Course 3

### Resource Pages

Chapter 1: Resource Pages	Chapter 2: Resource Pages	Chapter 3: Resource Pages
<a href="#">Lesson 1.1.1A: 1-1</a>	<a href="#">Lesson 2.1.3: Expression Mat</a>	<a href="#">Lesson 3.1.1A: 3-2</a>
<a href="#">Lesson 1.1.1B: 1-2</a>	<a href="#">Lesson 2.1.5A: 2-23</a>	<a href="#">Lesson 3.1.1B: 3-2, 3</a>
<a href="#">Lesson 1.1.2: Team Roles</a>	<a href="#">Lesson 2.1.5B: 2-21</a>	<a href="#">Lesson 3.1.2A: 3-9, 43, 51</a>
<a href="#">Lesson 1.1.3:</a>	<a href="#">Lesson 2.1.8: Equation Mat</a>	<a href="#">Lesson 3.1.2B: 3-11, 12</a>
<a href="#">Lesson 1.1.4:</a>	<a href="#">Chapter 2 Closure: Simplifying/Solving GO</a>	<a href="#">Lesson 3.1.3: 3-18</a>
<a href="#">Chapter 1 Closure GO</a>	<a href="#">Chapter 2: Algebra Tiles</a>	<a href="#">Lesson 3.1.6:</a>
<a href="#">Chapter 1 Closure: Cards</a>	<a href="#">Chapter 2 Closure: Cards</a>	<a href="#">Lesson 3.1.7: Goofy Graphing</a>
		<a href="#">Lesson 3.2.2: Guess My Number!</a>
		<a href="#">Chapter 3: Multiple Representations GO</a>
		<a href="#">Chapter 3 Closure: Cards</a>
Chapter 4: Resource Pages	Chapter 5: Resource Pages	Chapter 6: Resource Pages
<a href="#">Lesson 4.1.1A: Tile Pattern Team Challenge</a>	<a href="#">Lesson 5.2.1: Race Scatter Plot</a>	<a href="#">Lesson 6.1.1: Transformations Sheet</a>

### 3. Homework and Homework Help

- Homework is always below the Review & Preview section.
- Each homework problem has a link to Homework Help.
- Occasionally, there are eTools to accompany a homework problem often for exploration.

CC Course 3

Lesson (ENG) Lección (ESP)

Icon showing the start of the homework section.

Review & Preview

Link to the homework help for this particular problem.

3-65. ONE OF THESE POINTS IS NOT LIKE THE OTHERS, Part Two

a. Plot and connect the points listed in the table below. [3-65 HW eTool](#) (Desmos). [Homework Help](#)

IN (x)	-2	4	1	-4	0	3	-3	2	-1
OUT (y)	0	12	-3	12	-4	5	-2	0	3

b. Identify the point that does not fit the pattern.

c. What shape does the graph appear to make?

d. Correct the point identified in part (b) so it fits the pattern. Write the points in

Link to the eTool for this particular problem.



Homework Help may provide:

- Hints
- Steps
- Answers
- Interactive eTools

However, it is rare that complete answers or steps are given for the problems. Homework help is intended to help the student attack each problem, but not necessarily complete the problems for them.

#### 4. Student Resources and Study aids

- a. Study with Math Notes and Learning logs. (These are often found at the end of most lessons before the homework section.)
- b. Check your understanding through Checkpoints. (These are often located in the last lesson in each chapter. A complete list of Checkpoints is located in the Reference section of the eBook.)
- c. Search for topics through the Index. (Topics in the Index link directly to specific pages within the eBook. The Index is located in the Reference section.)
- d. Use the Glossary or vocabulary pop-ups. (The Glossary is available through the popups directly within each lesson or can be found within the Reference section.)
- e. Explore with eTools (eTools are located within many of the lessons within the eBook. A complete list is in the Reference section.)
- f. Use Resource pages and Tool-kits. (Many of these are listed throughout the lessons. A complete list is in the Reference section.)
- g. Complete problems through the Parent Guide. (Parent Guides may be purchased or downloaded without cost from the Reference section.)



**METHODS AND MEANINGS**  
**MATH NOTES**  
Parabolas  
One kind of graph you will study in this class is called a **parabola**. Two examples of parabolas are graphed at right. Note that parabolas are smooth "U" shapes, not pointy "V" shapes

**Checkpoints**  
3-117. This problem is a checkpoint for unit rates and referred to as Checkpoint 3. [Homework Help](#)  
(a) through (c), use the given information to find the unit rate. In parts (d) through (f), write and solve a proportion based on the given information.

**CC Course 3**  
**acute triangle**  
A triangle with all three angle measures less than 90° is called an acute triangle.  
  
**additive identity**  
The number 0 is called the additive identity.

**CC3 Toolkits**  
Toolkits for each chapter are available below. You may access the files any time to download and print copies.  
FULL Version: [CC3 Toolkit](#)  
Toolkits are available for purchase at the [CPM Shop](#).  
[CC3 Chapter 1 Toolkit](#) [CC3 Chapter 5 Toolkit](#) [CC3 Chapter 8 Toolkit](#)  
[CC3 Chapter 2 Toolkit](#) [CC3 Chapter 6 Toolkit](#) [CC3 Chapter 9 Toolkit](#)  
[CC3 Chapter 3 Toolkit](#) [CC3 Chapter 7 Toolkit](#) [CC3 Chapter 10 Toolkit](#)

**Glossary**  
**Index**

**Parent Guide Links**  
[Course 3 Parent Guide with Extra Practice](#)

**Resource Page Links**  
Chapter 1: Resource Pages  
Lesson 1.1.1A: 1-1  
Lesson 1.1.1B: 1-2  
Lesson 1.1.2: Team Roles  
Lesson 1.1.3:  
Chapter 2: Resource Pages  
Lesson 2.1.3: Expression Mat  
Lesson 2.1.5A: 2-23  
Lesson 2.1.5B: 2-21  
Lesson 2.1.8: Equation Mat  
Chapter 3: Resource Pages  
Lesson 3.1.1A: 3-33  
Lesson 3.1.1B: 3-33  
Lesson 3.1.2A: 3-33  
Lesson 3.1.2B: 3-33

**eTool**  
Does  $a^2 + b^2 = c^2$ ?

**combining like terms**  
Combining two or more like terms simplifies an expression by summing constants and summing those variables in which the same variables are raised to the same power. For example, combining like terms in the expression  $3x + 7 + 5x - 3 + 2x^2 + 3y^2$  gives  $8x + 4 + 2x^2 + 3y^2$ . When working with algebra tiles, combining like terms involves putting together tiles with the same dimensions.

**Vocabulary Pop-up!**

**Learning Log**  
On your own graph paper, graph  $y = -3x + 2$ . Then, as a class, decide what needs to be included to make a graph complete. Copy the qualities of a complete graph as a Learning Log entry. Title this entry "Qualities of a Complete Graph" and include today's date.

## 5. Navigation on a Computer versus a Cell Phone

First on a computer, the menu items on the far left and at the top are not visible on a cell phone. To access the menu items on a cell phone, select the three horizontal lines at the top left for the chapters and lessons and the three vertical dots at the top right to the additional tools.

**COMPUTER SCREEN.** If you do not see all of the menus above and to the left, make your window wider!

**CELL PHONE**  
Click the hamburger icon and 3 dots to view the chapters and additional tools. Click the person image to logout!

Second on a computer, the menu tabs at the top within a page are located as a drop down menu within a white box when using a cell phone.

**Computer**

Tools ▾ Calculators ▾ Translate CPM Tutorials CPM H

Introduction ▾  
Chapter 1 ▾  
Chapter 2 ▾  
Chapter 3 ▾  
Chapter 4 ▾  
Chapter 5 ▾  
Chapter 6 ▾  
Chapter 7 ▾  
Chapter 8 ▾  
Chapter 9 ▾

## CC Course 3

Note CP-1 CP-2 CP-3 CP-4 CP-5 CP-6 CP-7 CP-8 CP-9

[C3PO]

### Core Connections, Course 3

#### Checkpoint Materials

##### Notes to Students (and their Teachers)

Students master different skills at different speeds. No two students learn exactly the same way at the same time. Some students are expected to perform certain skills accurately. Most of these Checkpoint problems incorporate skills that you have learned in previous grades. If you have not mastered these skills yet it does not mean that you will not be successful in this class. You may need to work outside of class to get caught up on them.

**Cell Phone**

Dropdown Menu Box  
Click the arrow and select from the list.

## CC Course 3

Note ▾

[C3PO]

### Core Connections, Course 3

2

1

3

Done