Grade 2 Module 5

Addition and Subtraction Within 1,000 with Word Problems Within 1,000

Lesson 13: Subtracting with Place Value Disks and the Vertical Form

Objective	**Materials**
Relate manipulative representations to the subtraction algorithm, and use addition to explain why the subtraction method works.	• Place value disks • Unlabeled Hundreds Place Value Chart (template)

Items to share with families in advance of the lesson:

- Links: Lesson 13 Daily Video, Student Edition (SE) Lesson 13
- Materials list
- Assignment: After watching the video, complete Problems 2(b), 2(d), and 2(g) from the Problem Set.
- Students should work on the Problem Set for 10 minutes and should try to complete as many of the assigned problems as they can. Optionally, provide additional suggestions for students who finish in less than 10 minutes.

Remote Learning Recommendations

	Pacing	Activity	Notes
Asynchronous	Pending Video	Daily Video	Ideally, students should watch the video and complete the assignment 1 or 2 days before the synchronous meeting for this lesson. Video description: • Models subtracting with place value disks and the subtraction algorithm when 1 ten is decomposed into 10 ones and 1 hundred is decomposed into 10 tens • Uses number bonds to show the relationship between parts and the whole in subtraction problems • Checks the answer to a subtraction problem with an addition problem
	10 minutes	Assignment	The video asks students to complete Problems 2(b), 2(d), and 2(g) from the Problem Set. Consider encouraging students to complete additional problems if they finish in less than 10 minutes.
Synchronous (Virtual or In Person)	2–10 minutes	Welcome	Consider using a routine designed to welcome students into the learning environment.
In-Person Delivery (Optional)	5 minutes	Making the Next Ten	Follow the Fluency activity Making the Next Ten, found in the Teacher Edition (TE) for this lesson. *"Let's practice making the next ten."*
	5 minutes	Making the Next Hundred	Follow the Fluency activity Making the Next Hundred, found in the TE for this lesson. *"Let's practice making the next hundred."*
	2 minutes	Subtracting Multiples of Hundreds and Tens	Follow the Fluency activity Subtracting Multiples of Hundreds and Tens, found in the TE for this lesson. *"Let's practice subtracting multiples of tens and hundreds."*

Copyright © Great Minds PBC

Synchronous (Virtual or In Person)	2 minutes	Focus of Today's Lesson	Show the Problem 1 image found in the Concept Development section of the TE. Discuss why drawing a magnifying glass can help solve this problem. *"In the video for Lesson 13, we subtracted by using place value disks, number bonds, and the subtraction algorithm. Let's continue thinking about what we learned in the video."*
	8 minutes	Application Problem	Present the Application Problem from the SE, either under the document camera or by screen sharing the PDF of the page or the Topic Facilitation slides. Use independent practice and the Read–Draw–Write process and have students record their work in their books, on a clean sheet of paper, or by using the annotation features of the fillable PDF. Refer to the TE for additional notes on facilitation.
	7 minutes	Student Debrief	The Student Debrief is intended to invite reflection and active processing of the total lesson experience. Refer to the TE for additional notes on facilitation. Share the Topic Facilitation slides for Lesson 13 as you lead the debrief. *"Explain how you used place value disks to solve Problem 2(g). How did your work with the place value disks match the vertical form?" (Connection and Impact)*
	3 minutes	Exit Ticket	Assign the Exit Ticket to be completed and submitted either while in the meeting or asynchronously after the meeting.

Copyright © Great Minds PBC