



Grade 2 Module 2

Addition and Subtraction of Length Units

Lesson 7: Measuring and Comparing Lengths Using Various Units

<p>Objective Measure and compare lengths using standard metric length units and non-standard length units; relate measurement to unit size.</p>		<p>Materials</p> <ul style="list-style-type: none"> • Centimeter ruler • Crayon • Paper clips (small and large) • Straw 	
<p>Items to share with families in advance of the lesson:</p> <ul style="list-style-type: none"> • Links: Lesson 7 Daily Video, Student Edition (SE) Lesson 7 • Materials list • Assignment: After watching the video, complete Problems 1 and 2 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	10–15 minutes	Daily Video	<p>Ideally, students should watch the video and complete the assignment 1 or 2 days before the synchronous meeting for this lesson.</p> <p>Video description:</p> <ul style="list-style-type: none"> • Begins with the Which is Shorter warm-up • Compares the measurements of objects (e.g., straw, crayon, pencil) by using small and large paper clips • Discusses the need for standard unit measurement
	10 minutes	Assignment	<p>The video asks students to complete Problems 1 and 2 from the Problem Set.</p> <p>Consider encouraging students to complete additional problems if they finish in less than 10 minutes.</p>
Synchronous (Virtual or In Person)	2–10 minutes	Welcome	<p>Consider a routine designed to welcome students into your learning environment.</p>
	2 minutes	Recommendations for Synchronous Learning	<p>Demonstrate where to find links and assignments for each day’s lesson.</p> <p>Practice using the features of your meeting platform:</p> <ul style="list-style-type: none"> • Mute and unmute the microphone on your device. • Hold a piece of paper up to the camera and make sure it is visible to everyone. <p>Establish virtual classroom rules and engagement practices:</p> <ul style="list-style-type: none"> • Show students how to snap their fingers in front of the camera to show they agree with something a peer says. • Instruct students to raise their hands in front of the camera when they want to share.
In-Person Delivery (Optional)	9 minutes	Sprint: Subtraction	<p>Follow the Sprint activity Subtraction, found in the Teacher Edition (TE) for this lesson.</p> <p><i>“Let’s engage in a Sprint and practice our personal best.”</i></p>



Synchronous (Virtual or In Person)	2 minutes	Focus of Today's Lesson	<p>Show two straws—one straw measured with small paper clips and one straw measured with large paper clips.</p> <p><i>"In the video for Lesson 7, we discussed the need for standard unit measurement. Let's continue thinking about what we learned in the video."</i></p> <p>Students may require additional support with this concept. Refer to the Concept Development section found in the TE for this lesson. Consider having students continue to measure various objects with a centimeter ruler.</p>
	8 minutes	Application Problem	<p>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.</p> <p>Use guided 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.</p>
	7 minutes	Student Debrief	<p>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.</p> <p>Share the Topic Facilitation slides for Lesson 7 as you lead the debrief.</p> <p><i>"Are paper clips a reliable measurement tool?" (Connection)</i></p> <p>As you facilitate the debrief, take the opportunity to review and reinforce vocabulary presented in the lesson: centimeter, endpoint, ruler.</p>
	3 minutes	Exit Ticket	<p>Assign the Exit Ticket to be completed and submitted either while in the meeting or asynchronously after the meeting.</p>