

## A Model Primary Grade Lesson

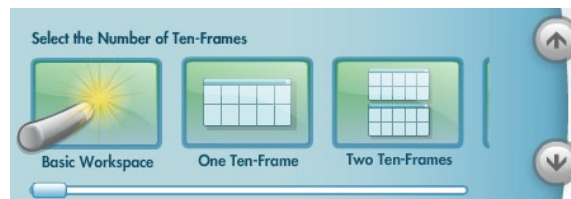
**Introduction** This guide shows how to use Tools4Math to teach a primary grade level math concept.

For this model lesson, use the one ten-frame in the Counters tool to teach the addition strategy of making ten.

**Launch Tools4Math** Find Tools4Math within Pearson SuccessNet in the enVisionMATH Premium Digital System. Access Tools4Math by clicking the Tools4Math icon at the top of every lesson window. Click the Tools4Math icon.

**Select the Counters Tool** The Counters tool will be used to teach this addition strategy. Click the down arrow to get to the Counters tool. Click **Get Started**.

Use a ten-frame for this lesson. To find this tool variation, go to the Options menu.



Use the up or down arrows to find the ten-frame options. Click **Ten-Frames** to select it. This will display the various ten-frames available to the left of the arrows. Select **One Ten-Frame**, and then click **Done**.

**Skill Review: Making Ten** Begin by reviewing how to make ten. Place seven blue counters and three red counters to fill the ten-frame. To do this, first click the Select tool in the toolbox. Next, select a color. Click on the blue color in the color palette, then select a round or square counter in the manipulatives box. Click in seven of the spaces on the ten-frame. Next, change the color to red and select the same type of counter. Now, fill in the remaining spaces of the ten-frame.

At this point, ask students, "How many blue counters do we have? How many red counters do we have? How many counters do we have in all?" Use the trash can icon to clear the workspace.

Now, fill six of the ten-frame spaces with counters. Ask students how many more counters are needed to make ten. Assuming they provide the correct response, fill in the remaining four spaces with a different color and shape counter. Next, click the tabulator to confirm their response. By using different-shaped counters, the tabulator will show the addition of the two types of counters as well as the total quantity of all counters on the workspace.

Click the tabulator several times to view the various ways the workspace quantity is displayed.



This activity can be repeated with different number combinations that make ten.

Once this concept of making ten has been reviewed and students are ready to move on, use the trash can in the toolbox to create a new workspace with an empty ten-frame.

---

## **Making Ten to Add**

Introduce students to the new math skill, the addition strategy of making ten.

Begin by saying to students, "We know how to make ten, so we will use this strategy to help us add. Sally has six green counters and Jose has eight yellow counters. We want to figure out how many counters Sally and Jose have in all. Let's use a strategy we know—how to make ten—to help us with this addition problem."

Next, tell students to place the first addend, the number of Sally's counters, in the ten-frame. Select the green color and then the green square and place six squares in the ten-frame. Now ask students to recall how many counters Jose has. Jose has eight yellow counters, so place eight yellow counters on the workspace. Now ask students how many counters are needed to make ten.

Students will respond that four counters are needed to make ten. Use the Select tool to move four of the eight counters into the ten-frame. To do this, click the Select tool in the toolbox. Next, click on a counter and drag it onto an open space of the ten-frame. Now say to students, "We now have ten counters and how many more?" Students will respond "four." Remind students that they know how to quickly add numbers to ten. Now ask, "How many counters do Sally and Jose have in all?" Students will respond that they have fourteen in all. Click the tabulator to display the total quantity on the workspace. Sum up the activity by stating, "Now we know that  $6 + 8 = 14$ , and we can use making ten to help us with other addition problems."

---

## **Review**

Teach a variety of math skills with ten-frames and counters. In this primary-grade lesson, this guide used making ten as an addition strategy. Explore Tools4Math, there are limitless possibilities.

For more information, please watch the other Tools4Math tutorials on this Web site.