



Subject: Math

Grade Level: Elementary School

DI Strategy: Think Dots, Tiering

Math Think Dots

While working on the addition unit in Kindergarten I decided to create a Tiered Think Dots activity. I had my students complete a two question exit slip the day before. On the exit ticket the questions were: $5 + 2 = \underline{\quad}$ and $3 + \underline{\quad} = 7$. I looked to see if students were able to work independently to solve addition within 10 and to use what we had learned to find a missing addend. From this information, I created three tiers and within those tiered groups, I grouped students into pairs.







We started the next day with a whole group addition review. We went over the different ways we had learned to solve addition sentences and did a few practice questions. Then I had my students prepare for their partner work. I explained how to complete the worksheet by rolling the die to determine the problem to solve.

Then I partnered up students (within their tiers) and directed them where to work. At the blue table there was the most difficult Think Dots sheet. The students worked with their partner to roll the die and complete each problem on the page until they had completed all problems. At the green table, students worked on the green Think Dots sheet with their partner. The students at the orange table worked with me, rolling and completing each problem on the orange Think Dots sheet.







By tiering this Think Dots activity, I was able to challenge students who were ready for more, help students continue to practice just above the level they were at, and work in a small group with the students who needed more instruction. All of my students were able to complete their page quietly with their partners. Occasionally, I gave my table of students a problem to try to solve while I monitored the other groups.

The three tiered Think Dots worksheets can be found below.














<p></p> <p>$5 + \underline{\quad} = 7$</p>	<p></p> <p>Sam has 3 apples and Jen gave him 6 more. How many apples does Sam have now?</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p>	<p></p> <p>$\underline{\quad} + 8 = 10$</p>
<p></p> <p>Lin got 4 bags and then he got 4 more bags. How many bags does Lin have now?</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p>	<p></p> <p>$2 + \underline{\quad} = 8$</p>	<p></p> <p>Ed made 5 cards and then made 4 more cards. How many cards did Ed make?</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p>



 $7 + 2 = \underline{\quad}$	 Sam has 3 apples and Jen gave him 4 more. How many apples does Sam have now? $3 + 4 = \underline{\quad}$	 $4 + 4 = \underline{\quad}$
 Lin got 6 bags and then he got 1 more bags. How many bags does Lin have now? $6 + 1 = \underline{\quad}$	 $10 + 0 = \underline{\quad}$	 Ed made 3 cards and then made 2 more cards. How many cards did Ed make? $3 + 2 = \underline{\quad}$



 $2 + 2 = \underline{\quad}$ 	 $3 + 1 = \underline{\quad}$ 	 $2 + 3 = \underline{\quad}$ 
 $4 + 1 = \underline{\quad}$ 	 $2 + 1 = \underline{\quad}$ 	 $0 + 2 = \underline{\quad}$ 