Grade 2		Lesson: 3-4	Reference to English

Math Standard(s):   2.OA.1   Domain: Operations and Algebraic Thinking

Content Objective(s):	Language Objective(s):
Students will find differences by using related addition facts to 18. *我会用到 18 的相关加法算式来找出差。*	Students will use the phrase "I know that_____, so _____" *我会用"我知道_____，所以_____"*
Essential Understanding: Addition and subtraction have an inverse relationship. This can be used to find subtraction facts; every subtraction fact has a related addition fact	**Academic Vocabulary for Word Wall:** **Listen:** 配对，如果，那么 **Read:** 所以 **Write:** **Speak:** 配对，所以，如果，那么 **Sentence Frame:** 如果_____那么_____
Materials: • **Subtraction Fact cards** • **Two color counters (Teaching tool 10)**	**Additional Lesson Vocabulary:** I know 如果_____那么_____

Lesson: Thinking Addition to 18 to Subtract	**Instructional Time: 35 mins**

This lesson is an extension of the previous lesson.

Opening: (5 minutes) –
Write these number sentences on the board: 10-___=7 and 7+___=10
T: "两个空格的答案是一样的数字。答案是什么？ 告诉你旁边的同学。"
S: Will discuss with partners
• Choose a few students to share with the class what they talked about with their partners. Write in 3 in the spaces.

Introduction to New Material (Direct Instruction): (3 minutes)
Each child should have 18 counters
T: 今天你会继续练习我们昨天学习到的，但是今天我们会用比较大的数字。用计数板显示 12, 两个部分是 3 和 9。
S: will place counters
T: "我知道 3+9= 12, 所以, 12-9= ___? 用计数板来找出答案。"
S: will look at counters. 3!
Write in three.

Guided Practice: (5 minutes)
Use the modeling cycle:
Teacher Does:
T: "看第 84 页。把手指放在第一题上。"
S: Students will point to number 1
T: "这就想你们昨天做的。 加法算式是 4+ ____= 6。告诉我 4 加什么数字是 6。"
S: will say 2
T: "很好，写上 2。跟我一起念出来 4+2=6, 所以 6-4= ___? 2! 跟我一起说 "如果 4+2=6, 那么 6-4=2. 请写下来。"

2 Students Do with Teacher:
T: "我需要 2 个学生来帮忙。"
S: two students will come up and lead the class in doing number 2

Independent Practice: (10 minutes)
T: "现在换你自己做了。请做到第 13 题。"
S: will work independently
• Walk around the room watching how students are doing.

Closing: (5 minutes)
• Clap hands for children to come over to the rug.
T: "今天做得很好。

Assessment:

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