Grade 2		Lesson: 2-1	Reference to English

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

Content Objective(s):	Language Objective(s):
Students will understand than addition facts involving 0,1,2 can be seen as finding numbers 0,1,and 2 more. 我知道包括 0, 1 和 2 的加法算式就像是在找出多 0, 1 和 2	Students will use the words more than to describe addition problems using 0 ,1, and 2. 我在做 0, 1 和 2 的加法问题时，会用'多于'这个词语。
Essential Understanding: The number relationships of 0-more than,1-more than, and 2-more than are the basis for addition facts with 0,1,and2 .	**Academic Vocabulary for Word Wall:** **Listen:** 多于 **Read:** 多于 **Write:** **Speak:** 多，多于 **Sentence Frame:**
Materials: • **Counters (Teaching tool 10)** • **Guided Practice**	**Additional Lesson Vocabulary:**

Lesson: Adding 0,1,2		Instructional Time: 35 mins

Opening: (3 minutes)
T: "如果你知道怎么写加法算式请把手放在头上。"
S: will put their hands on head, watch for those who hesitate or don't understand the words addition sentence
T: "今天你会学习怎么为加 0,多 1 和多 2 写出加法算式。我家的院子里有一颗苹果树。如果我摘 5 颗苹果但 Billy 摘的比我多一颗，**Billy** 一共摘了几颗？告诉你旁边的同学。"
S: will whisper answer to neighbor
T: "如果我摘 5 颗苹果但是 Billy 摘比我多 2 颗，他会有几颗苹果？告诉你旁边的同学。"
S: will whisper to their partner

Introduction to New Material (Direct Instruction): (7 minutes)
• Split students into groups of three, giving each group 12 counters and page 37.
T: "把 0 个计数板放在多 0 的格子上，把 1 个放在写多 1 的格子上，把 2 个放在写多 2 的格子上。"
S: will place counters in the boxes
T: Write 3+2=____ on the board "你可以怎么用计数板来帮助你解答这个问题？跟同学合作来解答。"
S: will work with their counters
T: Ask a few groups to explain to the class how they did it. "很好，我们再来一起做一题。" Write 4+1=____ on the board."你可以怎么用计数板来显示这个加法算式的第一个部分？"
S: will place 4 counters at the top of their page
T: "请指出你需要多几个计数板的格子。"
S: will point to the 1 more box
T: "现在加计数板然后用手指把答案比给我看。"
S: will show five fingers.

Guided Practice: (10 minutes)
T: Write 7+2=___ 3+1=___ 8+0=___ and 4+2=___ on the board. "你有 5 分钟来跟一个同学合作来解答这 4 个问题，然后把它们写在纸上的空格里。"
When the five minutes is up, clap for attention.
Use the modeling cycle:
Teacher Does:
T: "看 38 页。我们来做第 1 一。我们要把 0, 1 或 2 圈起来，所以我们先来把 0 圈起来。"
S: will circle the 0
T: 现在用计数板来做出这题。所以我们需要四个计数板，现在要加 0 个计数板。我一共有几个计数板？请写下。"
S: will write in their answer

2 Students Do with Teacher:
T: "我需要 2 个学生来帮忙。" Have students come write the problem on the board or work on the projected page.
S: will come up
T: "解的要把 0, 1 或 2 圈起来。"
S: will lead the class in using the counters to solve the problem.
T: "很好!"

Independent Practice: (11 minutes)
T: "现在换你自己做了。你有 **10** 分钟来完成第 **3**－**22** 题。"
S: will work independently

Closing: (5 minutes)
T: "很好，今天你学会怎么做一个数字加 **0,1** 或 **2**。**6** 多 **2** 是什么？用手指比给我看。"
S: will use fingers
T: 很好。**26** 多 **2** 是什么？**66** 多 **2** 是什么？"
S: will answer the problems

Assessment:

Homework, page 40 in English