On the Playground

Beginning Questions?

(You and the students point and count together.)

- What do you see in this picture? (children, grown ups, dog, birds, swings, monkey bars)
- What are the children doing? (playing, swinging, hanging, throwing, waiting)
- Let’s count the number of children on the swings, pointing as we count. (1, 2, 3, 4)
- Let’s count the number of children at the monkey bars. (1, 2, 3, 4, 5)
- Point to the child who is finished crossing the monkey bars.
- Point to the child who is first in line to go on the monkey bars, second in line, and last.

Intermediate Questions ??

(Students will need to point and touch while counting.)

- How many grown-ups are at the playground? (1, 2)
- How many children are at the playground? (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)
- How many children are on the swings? (1, 2, 3, 4)

Advanced Questions ???

- How many children are on the monkey bars? (2)
- How many are waiting for a turn on the monkey bars? (3)
- Altogether how many children are at the monkey bars? (5)
Advanced Questions ???

• How many apples are on each tree? (5)
• How many apples are on all of the trees together? Let’s count by fives. (5, 10, 15, 20, 25; five groups of 5 is 25)
• How many trees have two children next to them? (3)
• How many trees have one child next to them? (2)
• How many trees have no child next to them? (0)
• The little girl on the step stool just picked an apple. How many apples were on the tree before she picked that apple? (6: 5 + 1 = 6)
• How many children are standing? (7)
• How many children are not standing? (2)
• How many children are there altogether? (9: 7 + 2 = 9)
• Tell me a number story about this picture.

Challenging Questions ????

• If three more of the children sit down for a rest, how many will be standing? (4)
• How many will now be sitting? (5)
• How many groups of five apples do you see? (9)
• How many total apples are there in those nine groups? (45; encourage students to count by fives and explain that they are not to count the stray apples)
• If five more children come to the apple orchard with one more grown- up, how many children will there be? (14: 9 + 5 = 14)
• How many grown-ups will there be? (4: 3 + 1 = 4)
• If three children leave, how many children will be left picking apples? (6: 9 – 3 = 6)
• Can you make up your own math story about this illustration?
On the Playground
Subtracting with Word Problems Part 1
Applying Math in the Real World with a Concrete-Pictorial-Abstract Approach

Using the Word Problem Story Mats:
Select a story mat. Determine which operation will be your focus and choose a word problem from the samples provided or create your own. Sample problems for each story mat are organized into categories:
• 1-3: Part/Whole Addition Problems
• 4-5 Subtraction Problems
• 6-7 Missing Addend Problems
• 8-10 Challenge Problems (deeper thinking)

Read the problem three times out loud to your student before they begin to solve it.
✓ Encourage students to repeat each part of the problem after you have read it.
✓ Personalize the problem by adding in familiar names (teachers, friends, etc.).
✓ Adjust the quantity of numbers in the problem based on the student’s ability.

Applying CPA
• As you read the problem aloud, let students use manipulatives (unifix cubes, beans, beads, counters, etc.) to represent the word problem concretely. Allow your student to explore the problem and act it out using the manipulative without leading prompts, correction or intervention.
• When students are comfortable with the problem, encourage your student to draw a pictorial representation using a Quick Draw, which uses simple shapes (“x”, circles, tallies, etc.) without much detail to represent the quantities they used while acting out the problem with manipulatives.
• Finally, students can write a number sentence or number bond to demonstrate their abstract understanding of the problem.

Watch the video tutorials to see examples and get more tips and ideas:
sis4teachers.org/early-word-problems/
In the Pool Word Problems

Sample Word Problems:

1. There were 5 boys and 4 girls in the pool. How many kids were in the pool?

2. There were 4 red beach balls and 3 green beach balls in the pool. How many beach balls were in the pool in all?

3. One dog jumped in the pool and then 2 more dogs jumped in. How many dogs are in the pool?

4. There were 9 kids in the pool. 3 kids had to go home. How many kids are left in the pool?

5. When we got in the pool there 6 dry towels on the bench. Our friends used 3 of the towels to dry off. How many dry towels are left?

6. There are kids in the pool. 4 of the kids have on a blue bathing suit and rest have on a red bathing suit. How many kids are wearing red bathing suits?

7. There were 5 rafts in the pool. 2 of the rafts had kids on it and the rest didn’t. How many rafts didn’t have kids on it?

8. The boy saw 3 people swimming in the pool. How many arms did he see?

9. There are 5 pairs of googles by the pool but there are 8 kids needing googles. How many kids will not get a pair of googles?

10. Two dogs jumped in the pool with the boy. How many legs are in the pool?
A bakery is a place where bread, cakes, cookies, and other baked foods are made and sold. A baker is the person who makes and sells bread, cakes, and cookies.

- Here is a virtual field trip to a bakery.
  https://dptv.pbslearningmedia.org/resource/10d47943-8e2c-43ca-a521-c700a4ef2bd8/baking-and-measurements/
Read It

Words are made up of syllables. A syllable is a part of a word with a vowel sound.

Clap out the number of syllables in our Words To Know. Then read the word in a sentence.

- **cower**
  - The spider made me cower.

- **abandoned**
  - I saw an abandoned toy on my walk.

- **discarded**
  - My mom discarded some of my old toys.

Words To Know

- **cower** - to move back or look down because you are afraid.
- **abandoned** - to leave something or someone alone.
- **discarded** - to throw something away because it is unwanted.

Write It

- When we write a sentence we need to plan out our writing.
- We think about what we want to write and then say it out loud.
- On a scrap piece of paper, write “I can be kind.”

Try It

Draw a picture of how you can show kindness.