

Unit 4, Week 8 Building Blocks Week 29 Clipboard Directions

Day 1

Numeracy

Listen and Count (Adding)

Today we'll play a listening game. Listen and count as I drop some marbles into a can. Slowly drop in two marbles, pause, and then drop in two more marbles.

Show me on your fingers how many marbles I dropped into the can.

Empty the can and count the marbles.

Let's count and see if we are right! 1, 2, 3, 4. There are four marbles all together!

Repeat using different numbers. Increase the first number and then the second as children's skills develop.

Gone Fishing 2

Distribute a "lake" (paper plate) and "fish" (counters) to each child.

Let's pretend that the plate is a lake and the counters are fish. We will be the dinosaurs that eat the fish!

How many fish are in your lake now? Zero!

Three fish swam near the dinosaur. (Add three fish to your plate.)

Then two more fish joined the others. (Add two more fish to your plate.)

How many fish are there all together now? There are five!

Hungry dinosaurs have fish to eat! Gobble them up! (Take them off your plates.)

How many fish are in the lake now? Zero!

Continue the story, adding or subtracting various amounts. For example:

You have three fish, but you want six fish. How many do you need to add?

For subtraction, have children remove only some of the fish, and ask,

How many are still in the lake?

Day 2

Snapshots (Adding)

Let's play snapshots. I'll show you two groups of counters, and you'll add them together. Let's use our eyes and our minds to take a quick picture—a snapshot!

Display three counters in one hand and three counters in the other. Display the counters for an appropriate amount of time.

How many counters did you see in each hand?

How many counters are there all together?

Give children time to respond.

How did you know there were ____ counters?

Let's check to make sure we were right! How many counters are there all together?

Repeat the process with higher numbers.

Finger Games

Let's play a number game today. I'll say a number, and you can show me that number using some fingers on both of your hands.

Show children an example of five, using fingers on both hands (3 and 2, or 4 and 1)

Show five with your fingers. Use fingers on both hands to make five all together!

How many did you show on one hand? How many did you show on the other?

How many fingers are showing all together?

Can you show another way to make five using both hands?

Repeat, asking children to describe their actions.

Now show four with your fingers.

Can you show four with the same number of fingers on each hand?

Can you show four with more on one hand than the other?

Repeat with different numbers.

Day 3

Numeracy

Hidden Toppings

Prepare a "pizza" (plate) and "toppings" (counters).

I am making a pizza with hidden toppings! I have four toppings on my pizza.

Cover the pizza with a dark cloth, and add one more topping.

How many toppings are on my pizza now? How do you know?

Uncover the pizza.

Let's count and see. 1, 2, 3, 4, 5. How many all together?

Repeat with new numbers. Alternate adding one or two counters.

Numeracy

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Slowly drop in two marbles, pause, and then drop in two more marbles.

Show me on your fingers how many marbles I dropped into the can.

Empty the can and count the marbles.

Let's count and see if we are right! 1, 2, 3, 4. There are four marbles all together!

Repeat using different numbers. Increase the first number and then the second as children's skills develop.

Day 4

Snapshots (Adding)

Let's play snapshots. I'll show you two groups of counters, and you'll add them together. Let's use our eyes and our minds to take a quick picture—a snapshot!

Display three counters in one hand and three counters in the other. Display the counters for an appropriate amount of time.

How many counters did you see in each hand?

How many counters are there all together?

How did you know there were ____ counters?

Give children time to respond.

Let's check to make sure we were right! How many counters are there all together?

Repeat the process with higher numbers.

Finger Games

Let's play a number game today. I'll say a number, and you can show me that number using some fingers on both of your hands.

Show children an example of five, using fingers on both hands (3 and 2, or 4 and 1)

Show five with your fingers. Use fingers on both hands to make five all together!

How many did you show on one hand? How many did you show on the other?

How many fingers are showing all together?

Can you show another way to make five using both hands?

Repeat, asking children to describe their actions.

Now show four with your fingers.

Can you show four with the same number of fingers on each hand?

Can you show four with more on one hand than the other?

Repeat with different numbers.

Day 5

Numeracy

Hidden Toppings

Prepare a "pizza" (plate) and "toppings" (counters).

I am making a pizza with hidden toppings! I have four toppings on my pizza.

Cover the pizza with a dark cloth, and add one more topping.

How many toppings are on my pizza now? How do you know?

Uncover the pizza.

Let's count and see. 1, 2, 3, 4, 5. How many all together?

Repeat with new numbers. Alternate adding one or two counters.

Gone Fishing 2

Distribute a "lake" (paper plate) and "fish" (counters) to each child.

Let's pretend that the plate is a lake and the counters are fish. We will be the dinosaurs that eat the fish!

How many fish are in your lake now? Zero!

Three fish swam near the dinosaur. (Add three fish to your plate.)

Then two more fish joined the others. (Add two more fish to your plate.)

How many fish are there all together now? There are five!

Happy dinosaurs have fish to eat! Gobble them up! (Take them off your plates.)

How many fish are in the lake now? Zero!

Continue the story, adding or subtracting various amounts. For example:

You have three fish, but you want six fish. How many do you need to add?

For subtraction, have children remove only some of the fish, and ask,

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