



BUILDING BLOCKS CLIPBOARD DIRECTIONS

Day 1

Numeracy Count and Move in Patterns

Who remembers the story of the Three Billy Goats Gruff? The Billy Goats had to walk across the bridge, and they had to tip-toe or walk quietly so they didn't disturb the troll who lived under the bridge. We are going to pretend we are the Billy Goats, and we are going to tip-toe or walk quietly so we don't disturb the troll, but we are going to do it in patterns of 3!

Count to 30 or more in patterns of 3

1, 2, 3 (pause), 4, 5, 6 (pause), 7, 8, 9 (pause), 10, 11, 12 (pause), 13, 14, 15 (pause), 16, 17, 18 (pause), 19, 20, 21 (pause), 22, 23, 24 (pause), 25, 26, 27 (pause), 28, 29, 30 (pause).

Snapshots (Adding)

We are going to play snapshots a different way today. I am going to show you counters in each of my hands, and you have to add them together. Use your eyes and your mind to take a quick picture!

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

How many counters did you see in each hand? How many counters are there altogether? Let's check our answers!

Repeat the process with higher numbers.

Day 2

Numeracy: I'm thinking of a Number

We are going to play a guessing game with numbers. I hid a Numeral Card, and you have to guess what the number is!

Give children clues to the number and reveal the card only when a child guesses the number correctly. Provide hints to children.

*It is more than ____.
It is less than ____.
It is higher than ____.
It is lower than ____.*

How did you know it was the number _____?

Gone Fishing 2

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

- We are going to pretend the plate is a lake and the counters are fish.*
- We are going to pretend we are dinosaurs that eat fish! How many fish are in your lake now? Zero that is right!*
- Three fish swam near the dinosaur. So, you are going to 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 altogether now? That is right, there are 5!*
- The dinosaur is so happy to have the fish to eat. The dinosaur gobbles up all the fish!*

Have children remove the fish.
How many fish are now in the lake? That is right zero!

Continue the story, adding or subtracting various amounts.
You have three fish but want six. How many do you need to add?

For subtraction, have children remove only some of the fish.
How many are still in the lake?

Day 3

Numeracy: Finger Games

Create a house using the Shape Sets shapes with a square (foundation) and triangle (roof).

We are going to play Snapshots using shapes today! I am going to show something I created with shapes. Then, you are going to build it with your pattern blocks!

Show children your house again.

I am going to show you my shape again. If you need to change your structure, you can.

Reveal your house again.

Can someone tell me what they saw? How did you build your house?

Repeat with other secret pictures such as a flower, sun, or sailboat.

Geometry Snapshots (Shapes)

Create a house using the Shape Sets shapes with a square (foundation) and triangle (roof).

We are going to play Snapshots using shapes today! I am going to show something I created with shapes. Then, you are going to build it with your pattern blocks!

Show children your house again.

I am going to show you my shape again. If you need to change your structure, you can.

Reveal your house again.

Can someone tell me what they saw? How did you build your house?

Repeat with other secret pictures such as a flower, sun, or sailboat.

Day 4

Numeracy: I'm thinking of a Number

We are going to play a guessing game with numbers. I hid a Numeral Card, and you have to guess what the number is!

Give children clues to the number and reveal the card only when a child guesses the number correctly. Provide hints to children.

*It is more than ____.
It is less than ____.
It is higher than ____.
It is lower than ____.*

How did you know it was the number _____?

Gone Fishing 2

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

- *We are going to pretend the plate is a lake and the counters are fish.*
- *We are going to pretend we are dinosaurs that eat fish! How many fish are in your lake now? Zero that is right!*
- *Three fish swam near the dinosaur. So, you are going to 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 altogether now? That is right, there are 5!*
- *The dinosaur is so happy to have the fish to eat. The dinosaur gobbles up all the fish!*

Have children remove the fish.
How many fish are now in the lake? That is right zero!

Continue the story, adding or subtracting various amounts.
You have three fish but want six. How many do you need to add?

For subtraction, have children remove only some of the fish.
How many are still in the lake?

**Numeracy:
Snapshots (Adding)**

We are going to play Snapshots a different way today. I am going to show you counters in each of my hands, and you have to add them together. Use your eyes and your mind to take a quick picture!

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

How many counters did you see in each hand? How many counters are there altogether? Let's check our answers!

Repeat the process with higher numbers.

Finger Game

We are going to play a number game today. I am going to say a number, and then you have to show me that number using fingers on both of your hands.

Show children an example of 5 using fingers on both of your hands.

Can you show me the number 5? How many did you show on one hand? How many did you show on the other? How many fingers are showing altogether? Can someone show me another way to make 5 using both hands?

Repeat, asking children to describe their actions.

Can you show me the number 4? Can you show me 4 on both hands? Show 4 a different way? Show 4 with the same number on each hand? Show 4 with one more on one hand than the other?

Repeat with different numbers.