

Transcript: Adding and Subtracting During Snack (3–5 years)

Text on screen: Adding and Subtracting During Snack (3–5 years).

Logo: Count, play, explore—for early education.

On screen: An educator sits at a low activity table with a group of 3–5 year old children during snack time. Each child and the educator have a paper towel in front of them. The educator opens bags of crackers and places them in front of each child as she speaks.

Educator: I wonder how many crackers we have. Do you think everybody has the same? Yeah, you think so? I don't know.

On screen: The children and the educator arrange their crackers onto their paper towels and count them out loud.

Child 1: Look, it's a rectangle.

Educator: A rectangle, yeah. How many?

Child 2: 12.

Educator: 12? Ooh, I wonder how many I have.

Child 3: I have one, two, three..

Educator: He has 12. I wonder if we all have the same. Three, four, five...

Child 3: —four, five...

Child 1: Nine, 10...

Educator: Six, seven...

Child 1: 11, 12, 13, 14, 15!

Educator: 15. It's snack time, so you can eat it.

On screen: The child lifts one of her crackers off the table.

Child 1: Take away one makes 14!

Educator: Yes, you're right. 15, take away one makes 14.

On screen: One by one, the educator arranges her crackers on her paper towel and counts out loud while the children watch.

Educator: 14, 15, 16, and one that I bit, so 17. But if I ate this one, 17 minus one?

Children: 16!

On screen: Another child points to each cracker on his paper towel as he counts out loud.

Child 3: One, two, three, four, five, six, seven, eight, nine, 10, 11, 12, 13, 14, 15, 16, 17.

Educator: How did you make 17? Child 3: I took these three.

On screen: The child points to the last three crackers that he counted.

Educator: You added three?

Child 3: Yeah.

Educator: You put three. So when we add, we're putting more.

On screen: Moments later, another child speaks to the educator from across the table.

Child 4: I made five and five and five equals 20.

Educator: Let's try.

On screen: One at a time, the educator raises both her hands, showing 10 fingers.

Educator: Five plus five. And you put five.

On screen: The child raises both of his hands showing another 10 fingers.

Educator: No, that's 10.

Child 4: 20!

Educator: But that's 10. You said five plus five, and then you put up five.

On screen: The child raises one hand.

Educator: Okay. So how much is that?

Child 4: 20?

Educator: Let's count. Ready? One, two, three—don't count yours yet. Or do you want to count yours first? Okay, count yours first.

On screen: The child counts the fingers on his raised hand, and then the educator counts their fingers.

Child 4: One, two, three, four, five.

Educator: Six, seven, eight, nine, 10. Count with me.

All: 11, 12, 13, 14, 15.

Educator: What was it? Five plus five plus five equals?

Child 1: 15.

Educator: 15, yeah. But if you add your other five, then that is 20.

Child 4: Yeah, that's what I was trying to do.

On screen: The educator raises both hands showing 10 and the child raises both of his hands to make a total of twenty.

Educator: It'll be five plus five plus five plus five.

Text on screen: A special thanks to the children, families, and staff of the Office of the Fresno County Superintendent of Schools' Lighthouse for Children Child Development Center, without whose help these videos would not have been possible.

Logo: Count, play, explore—for early education.