

NC Strawberry Investigations Math Questions for Kindergarten

Standard	Question
KCC1	Students will count a basket of strawberries starting at 1 up to 100.
KCC2	Students can count on in a sequence without starting at one. *If there are 5 strawberries in the basket already, the student will count on from 5 up to 100.
KCC3	Students will write the numeral 0-20 to represent the number of strawberries in a basket.
KCC4b	Students will answer the question, "how many are there?" by counting strawberries in a set and understanding the last number stated represents the total amount of objects.
KCC4c	Students can answer the question, "how many would there be if we added one more strawberry to the basket?"
KCC5	Students can count "how many?" strawberries up to 20 when they are arranged on a tray (as in an array or a circular pattern) and up to 10 when they are scattered on a tray.
KCC6	Students can count the leaves on two different strawberry plants and determine which plant has the greater number of leaves.
KCC7	Students can write the numerals representing the number of leaves on a plant (up to 10) and compare the written numerals.
KOA1	Students will use pictures of strawberries to represent addition and subtraction situations in various ways. *Given pictures of individual strawberries, students can show 1 strawberry and 3 more strawberries.
KOA2	Students can solve simple word problems. *One strawberry plant has 2 berries. Another strawberry plant has 3 berries. How many berries are there in all? *There were 5 strawberries on the plant. I ate 2. How many are still on the plant?
KOA3	Students can recognize part-whole relationships. *The strawberry farmer has 5 red and green tractors. How many ways can you use red and green tractors to show the strawberry farmer's tractors. (Give students toy tractors or pictures to help manipulate the problem.)
KOA4	Students can combine any numbers from 1-9 to make 10. *I have 6 strawberry plants. How many more do I need to make 10? *The strawberry farmer needs to plant 10 rows of strawberries. He has 5 already. How many more does he need to make 10?
KOA5	Students can add and subtract within 5. *The strawberry farmer has 3 red tractors. He has 2 green tractors. How many tractors does he have in all? *The fruit stand had 5 baskets of strawberries. They sold 1 basket. How many baskets are left?
KNBT1	Students can explore numbers 11-19 using drawings of strawberries to show 10's and 1's. *If there are 17 strawberries, the student can show 1 ten and 7 ones in a chart or table.
KMD1	Students will describe strawberries using length, weight (using a balance), and size. Include vocabulary - heavy, long, short, etc.
KMD2	Students will compare aspects of two strawberry plants. *Example - plant 1 is longer than plant 2; plant 1 is heavier than plant 2.
KMD3	Students will classify strawberries using color and size and then "report" their data. *Example - there are 5 red strawberries and 3 green strawberries.
KG1	Students will use relative position to describe the planting of strawberries.

	*Example - Put each plant "in front of" the other. The drip tape goes "below" the ground. The planter goes "behind" the tractor. The black plastic lies "above" the ground.
KG2	Students can correctly identify the shape of the strawberry field as a rectangle or square.
KG3	Students can identify a real strawberry 3 dimensional and a picture of a strawberry as 2 dimensional.
KG4	
KG5	Students will use their understanding of shapes to make a model of a strawberry field.
KG6	

North Carolina Strawberry Association – www.ncstrawberry.com

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