

# Farm Animal Sorting

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**Level:** Primary

**Common Curriculum Goal:** Algebraic Relationships

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**Grade:** Kinder

**Core Math:** Sort by color, size, shape or other properties

**Supplies:** container of farm animals, plastic fruit, mini motor vehicles

**Task:** Given the supplies students will be sorting individually and then with a partner. They will have a group of animals and I will ask them to sort them. After they have done it on their own first, they will talk to a partner to explain how and why they grouped the farm animals. With the partner they will see if they came up with different ideas for sorting. Also with a partner they will diagram and show multiple ways to answer the given problems.

Some questions I can ask are the following:

How many ways can you sort them?

Show me the ways.

What differences do you see?

How are they the same?

Can you change the groups?

What will you do?

Today we will be looking at farm animals for sorting. You will be sorting them into piles. First you will look at them by yourself to see how you would sort them. Next we will get into groups of two to compare and contrast how you sorted the animals. I will be checking on each of you and I will be asking you some questions about what you are doing.

Extension: Another day you will be using the plastic fruit.

Extension: Another day you will be using the mini motor shapes

**Presentation:**

Please make a poster, write an example, and write an explanation, an equation, graph, draw a picture or anything needed to be able to explain your task.