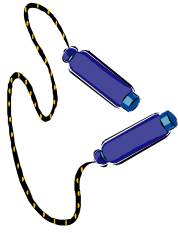
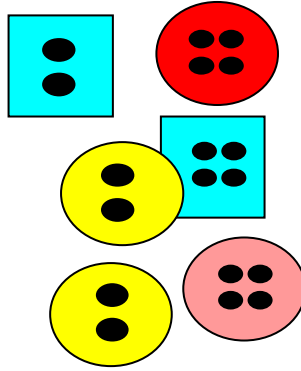


Introduction of Venn Diagram

Step 1: Gather materials such as string, yarn, paper plates, or hula hoops to make rings.



Steps 2 & 3: Give each child a bag of buttons and encourage them to explore and discuss the attributes of their buttons.



Step 4: Write the attribute words the children use to describe their buttons on sticky notes or cards.

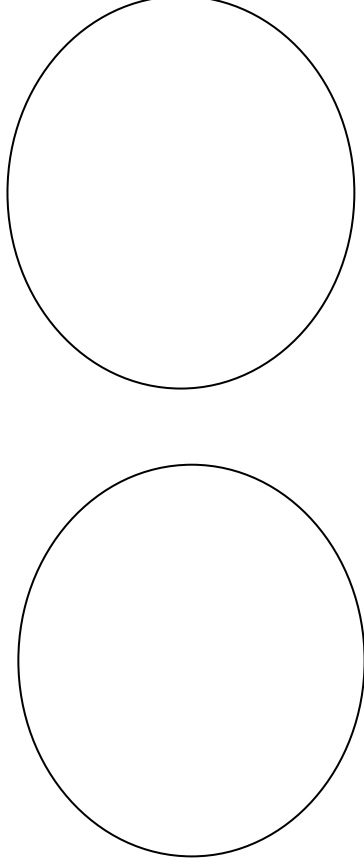
Large

Round

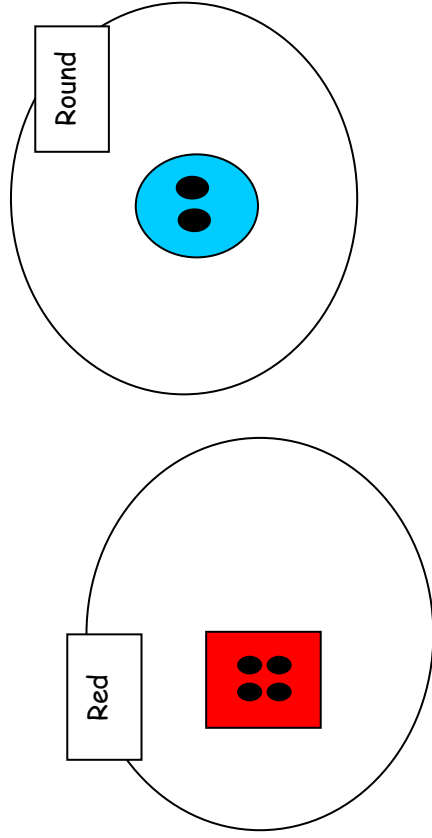
Red

White

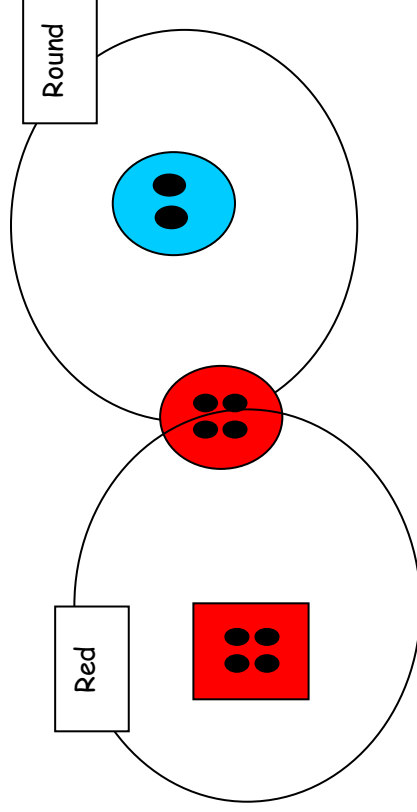
Step 5: Make two rings with yarn, string, or hula hoops. Don't connect the rings yet.



Steps 6 & 7: Have a child place an attribute card in each ring. Let children take turns asking themselves questions and placing their buttons where they think they belong.



Steps 8-10: Let the process continue with each button and allow deductive reasoning to occur when a button has both attributes. Ask the question, "What can we do?" and then try each of the suggestions.



Steps 10 and 11: Let the process continue with each button and allow deductive reasoning to occur when a button has both attributes. Change the attribute cards. Add an extra ring to layer on the level of difficulty.

