





Children love balls. They play with them in many different ways: throwing, catching, kicking, and rolling them. Children make balls, marbles, and other rolling objects change speed and direction. They see how natural forces such as gravity and friction affect the movement of balls. Children play traditional games with balls and often invent their own games.

This student's interest in balls to explore important science and social studies concepts and use skills in literacy, math, technology, and the arts.

*What have you noticed children and adults doing with balls?*



































**Learning Goals or Standards Addressed**

**Science:** Exploring the physical properties of objects and objects in motion; solving problems; observing; making predictions, thinking logically

**Literacy:** Using print concepts and writing; understanding the purpose for writing, using expressive language

**Math:** Data representation, sorting, classifying

**Additional Investigations About Bouncing Balls**

- Bounce balls made of different materials.
- Bounce a small ball onto a big ball.





























