



Let's Find Out About It: Ball Movement

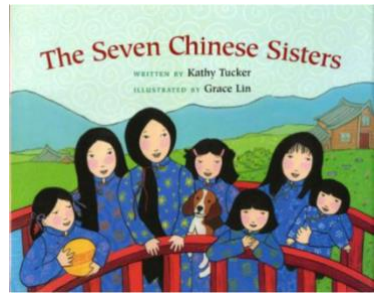
Standard Connection:
ELA.RL.PK4.5
ELA.SL.PK4.6
S.PS.PK4.4
PD.GM.PK4.2

Enduring Understanding(s):

- More mature family members are responsible for the safety and needs of less mature members.
- As individuals and as a group, family members use their senses to observe and interact with their environment.

Essential Question(s):

- Why is solving problems together important?
- How do you find the resources, information, and support to solve your problems?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>The Seven Chinese Sisters</i> • variety of balls (tennis, golf, ping pong, etc.) • blocks, including a plank • images of ball movement activity (see Resource) 	<ul style="list-style-type: none"> • fast/faster: moving quickly • roll: to turn over and over on a surface • slow/slower: not able to move quickly or fast • ramp: a slope • high: rising/extending upward • low: situated below a normal level • level: a specific height 	

Let's Find Out About It:

Preparation: Set up materials.

"In <i>The Seven Chinese Sisters</i> , Fifth Sister's talent was throwing a ball really high . What do you notice?"	<p>Show illustrations. Children respond.</p>
"What are other ways that balls can move?"	<p>Children respond.</p>
"One way balls can move is by rolling on a level surface."	<p>Children respond.</p>
"Balls can also roll on a ramp . What do you notice?"	<p>Demonstrate rolling a ball up and down a ramp. Children respond.</p>
"What do you predict will happen when I change the position of the ramp ?"	<p>Children respond. Demonstrate rolling the ball on two or three different inclines.</p>
"When a ramp is higher , a ball will roll faster . When a ramp is lower , a ball will roll slower ."	