



Let's Find Out About It Pinwheels and Kites

Standard Connection:

ELA.RI.PK4.3

ELA.W.PK4.1c

M.G.PK4.2

M.G.PK4.3

S.PS.PK4.4

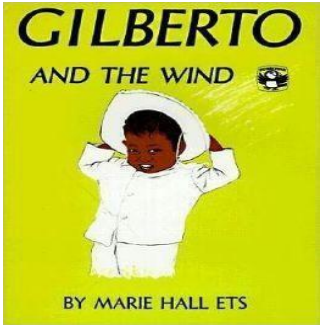
PD.FM.PK4.4

Enduring Understanding(s):

- Weather can inspire artistic expression and provide opportunities for recreation.

Essential Question(s):

- How do living things work together to solve problems and accomplish goals?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>Gilberto and the Wind</i> • images of pinwheels and kites (see Resource) • pinwheel • kite 	<p>pinwheel: a toy made of fan-like blades that spin in the wind</p> <p>kite: a shaped frame for flying in the air at the end of a long string</p> <p>vane: strips attached to the center of a pinwheel</p> <p>blur: blend together</p>	<p>tail: a long strip of fabric or paper at the bottom</p> <p>balance: holds steady</p> <p>control: to direct the action</p> <p>rhombus: looks like a square that is tilted to the side</p> <p>spin: move in a circle</p> 

Let's Find Out About It:

Preparation: *Set up materials.*

"In <i>Gilberto and the Wind</i> , the wind spun Gilberto's pinwheel and blew the kites of the older boys."	Show illustrations.
"What did the wind do when Gilberto tried to fly his kite ?"	Show illustrations. Children respond.
"Here are images of pinwheels . What do you notice?"	Show images. Children respond.
"A pinwheel has vanes - strips attached to the center. When the wind blows the pinwheel , it makes the vanes spin . When pinwheels spin , the colors blur - blend together."	Show images, pointing to the vanes of the pinwheels, or model, using a real pinwheel.
"Here are images of kites . What do you notice? Some kites , like Gilberto's, are rhombuses . Other kites are different shapes."	Show illustrations/images. Children respond.
"Many kites have a tail - a long strip of fabric or paper at the bottom. The tail balances - holds steady - the kite in the wind. You control the kite by moving the string you hold in your hand."	Show illustrations/images
"You can make a pinwheel spin by blowing on it, but it takes a much stronger wind to fly a kite ."	Show images or a real kite, pointing to the tail. Model controlling the kite.