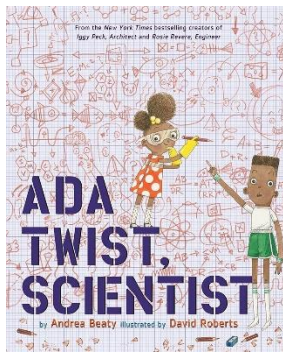
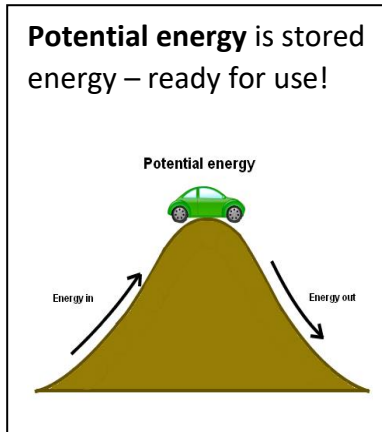
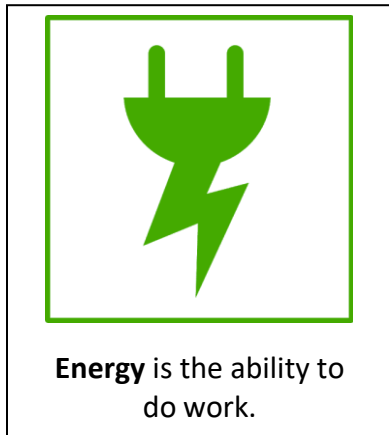


## POTENTIAL & KINETIC ENERGY (K-2)

### The SCIENCE of ENERGY:



### READ:

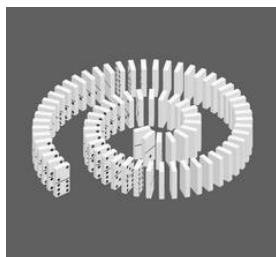
[Ada Twist, Scientist](#), by Andrea Beaty, encourages curiosity and lets you know that it is okay to ask “Why?” Don’t have the book at home? Enjoy this [reading by Serena Auñón-Chancellor](#) from the International Space Station.

### ACTIVITY: CHAIN REACTIONS

Materials: [dominoes](#) and various objects (Don’t have dominoes? You can use wood blocks, LEGO bricks, or even books)

1. Stand the dominoes/blocks on the short end and place them about an inch apart from each other.
2. Make a line of 5 or 6 dominoes, then choose a side to knock down towards the other pieces.

Did all the pieces fall over in a row? This is a chain reaction also called the **domino effect**.



**What is happening?** Each domino set up on its end has the potential to fall over. When the domino falls, potential energy in the first piece is transferred to the next and on and on until they all fall over.

**BONUS Challenge:** Try building a shape or picture with your dominoes!

For step-by-step instructions, watch the video at: [Domino STEM Activity](#)



*This at-home educational activity is from the Literacy Coalition of Palm Beach County’s literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children’s Services Council of Palm Beach County, Inc.*

*Having fun? Send pictures or video links of you and your Stories & STEM projects to [csharkey@literacypbc.org](mailto:csharkey@literacypbc.org)*