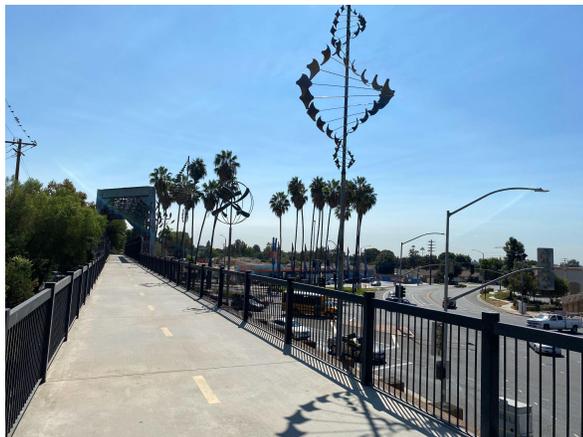


MOVING MASTERPIECES: WIND SCULPTURES ON THE GREENWAY TRAIL



While walking along the Greenway Trail in Whittier you will find wind sculptures located on Palm Park Trailhead, the railroad at Five Points and the Mills-Lambert Trailhead.

These sculptures are made of copper and stainless steel by artist Lyman Whitaker. Click the link to hear more from [Artist Lyman Whitaker](#)

To view other public artwork found in Whittier click the link: [Whittier Art in Public Places](#)

How do wind sculptures work?

Wind sculptures work by combining art and science. Wind sculptures often go by the name “kinetic art sculptures” which helps us understand the science behind them.

Kinetic energy is the energy of motion. Kinetic art sculptures tap make use of this energy because they are able to move. The sculptures that you see on the Greenway Trail have blades that can be pushed by the wind. The movement, in turn, creates interesting designs and patterns. (For more information, visit this [Wonderopolis article on kinetic sculptures](#))

ACTIVITY #1: MAKING A KINETIC SCULPTURE

Want to make your own kinetic sculpture at home?

Look around your home to identify objects that you can use for your sculpture. As you are selecting materials, think about how they could connect with one another, and how they could move in the wind.

Materials you might use include popsicle sticks, tape, string, cardboard (flat and/or tubes), rulers, sticks, ping-pong balls, and paper or plastic cups.

A great set of instructions can be found in this [PBS Kids](#) video to help you transform your materials into a kinetic sculpture!



MOVING MASTERPIECES: WIND SCULPTURES ON THE GREENWAY TRAIL

ACTIVITY #2: KINETIC ENERGY ALL AROUND US

Want a challenge to test your knowledge about kinetic energy? As you are out and about with your family (on a walk, running errands, driving around), practice identifying examples of kinetic energy. Keep a list going and/or take a picture of each example.

We'd love to see the examples you find, so have an adult send a photo of your list (or individual examples) to us!

 Instagram @sciencecircuswhittier

Here's some ideas to get you started: [Kinetic Energy in Our Everyday Lives](#)

EXTENSIONS

- To discover more about the science behind wind art sculptures, you can watch: [Lab Roots Video on Kinetic Art Sculptures](#)
- To explore how one artist, Anthony Howe, creates kinetic sculptures, you can watch: [Kinetic Wind Sculpture Video](#)
- Mix kinetic sculptures with a race course? Sounds amazing! Read about one such event called the Kinetic Grand Championship: [Mixture of Art & Science](#)
- For more videos and lessons on kinetic energy (and how it differs from potential energy), check out [Generation Genius](#)

