The mission of the Sycamore Creek Interpretive Center is to promote and facilitate hands-on scientific exploration, natural resource conservation, stewardship, and sustainability throughout the Temescal Valley.
The center houses indoor exhibits, displays, activities and touch tables to inspire curiosity and engage people of all ages in hands-on activities that encourage scientific thought and discovery.

The center also serves as a Citizen Science outpost, where visitors can learn to be Citizen Scientists and participate in real research related to the Santa Ana watershed.

Visitors can learn about the local geology, ecology, ethnobotany, and natural history of the Temescal Valley as well as recreational opportunities in the Temescal Valley and the adjacent Cleveland National Forest.

Programming, geared towards school and youth groups, will focus on the following Interpretive themes:
- Sustainability
- Resource Conservation
- Natural history
- Local ecology
- Citizen Science.

The center currently features several outdoor interpretive signs. In the future, additional signs and an interpretive trail behind the center will be added focusing on the cultural and historical uses of native plants.

The interpretive center is a venue for workshops on a variety of topics such as gardening for pollinators, fire and water wise landscaping, native plants, and landscape irrigation.