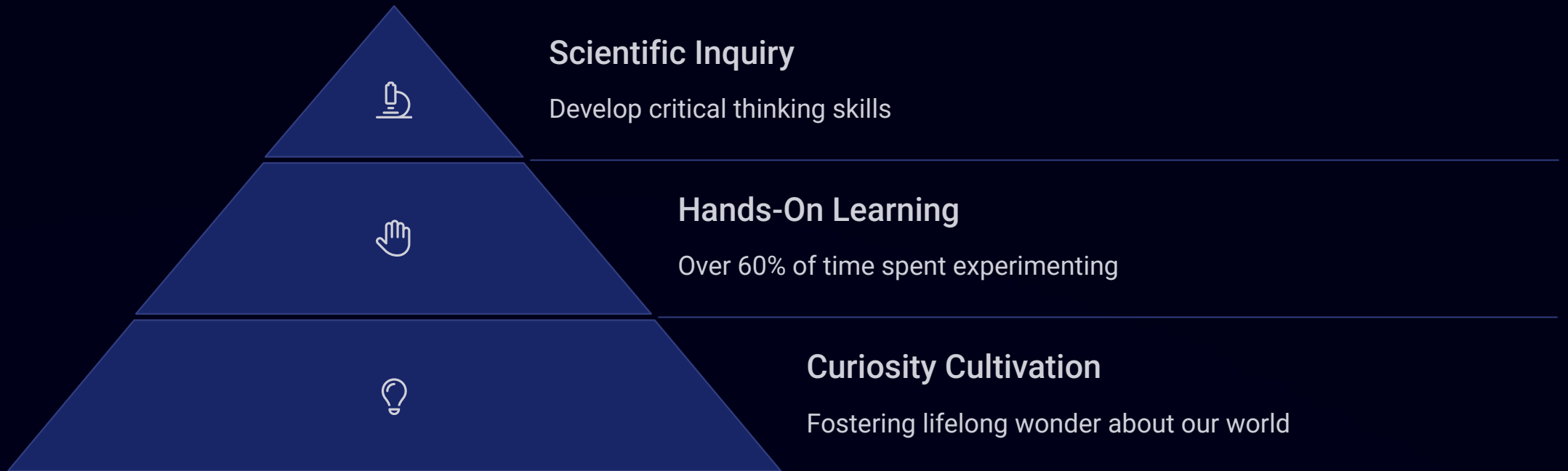


Welcome to Science Explorers Lab

Interactive STEM enrichment program for ages 8-14, launched in 2021. We've reached over 5,000 young scientists through hands-on experiments in physics, chemistry, and biology.



Our Mission and Approach



The Power of Hands-On Science

35%

Higher Retention

Harvard study on project-based learning

90%

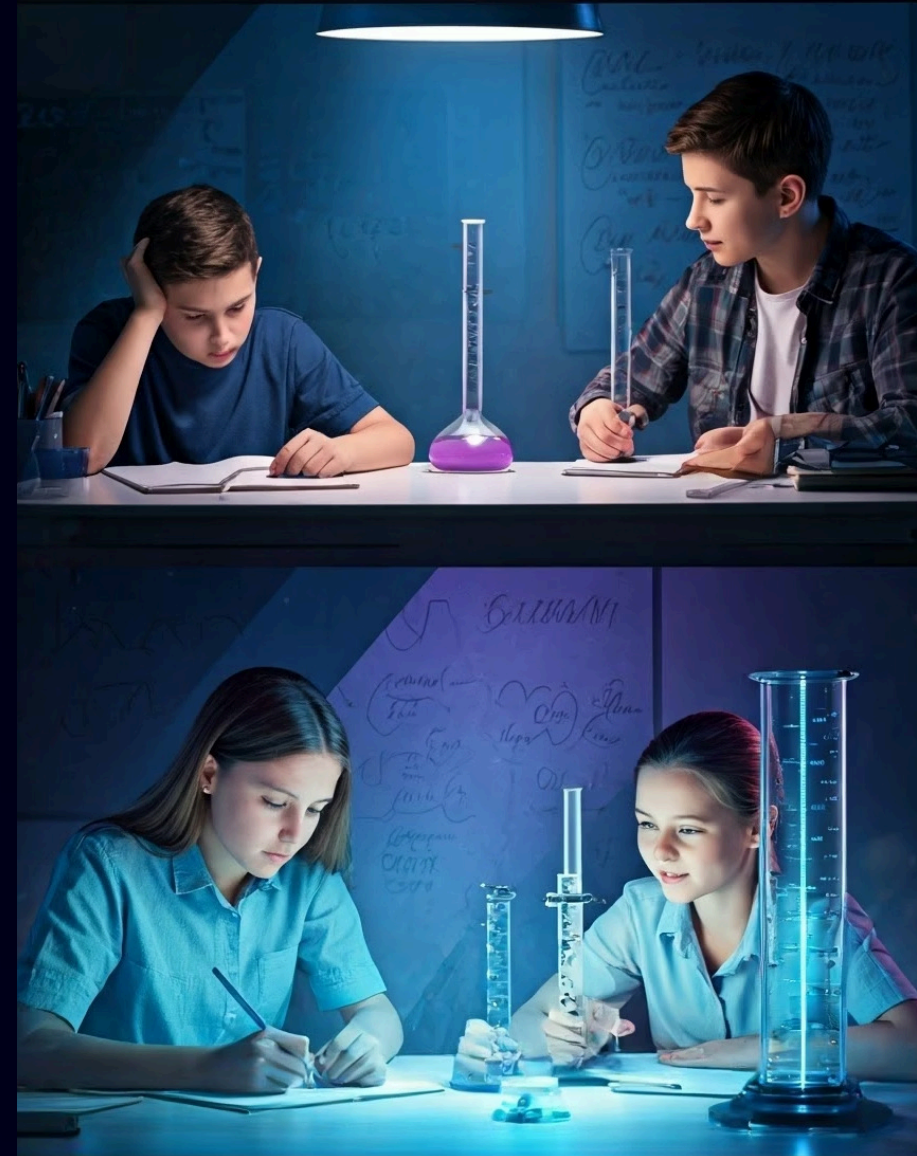
Engagement

Parents report higher interest vs traditional labs

100%

Real-World Skills

Practical application of scientific concepts





Physics: Forces, Motion & Energy Experiments



Catapult Building

Explore potential and kinetic energy conversion



Balloon-Powered Cars

Measure velocity and observe Newton's laws



Parachute Challenge

Test designs against gravity and air resistance

Chemistry: Exploring Reactions and States of Matter



Chemical Reactions

Safe experiments with everyday materials. Students create volcanic eruptions using vinegar and baking soda.



Polymer Science

DIY slime lab teaches properties of non-Newtonian fluids. Students explore how materials change states.



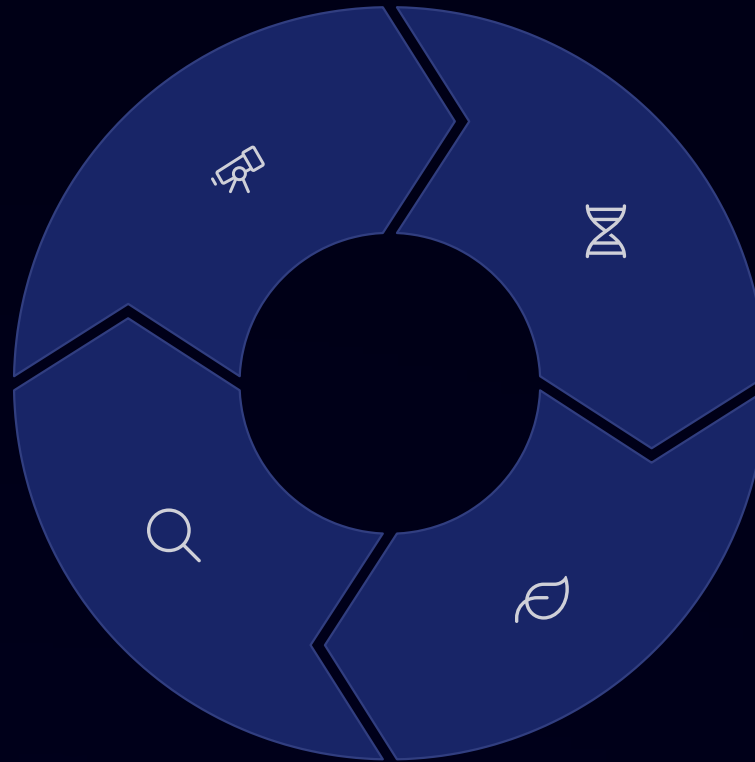
Chromatography

Students separate marker pigments. They discover how complex colors break down into simpler components.

Biology: Discovering Life and the Environment

Microscopy Lab
Observe plant, animal, and bacterial cells

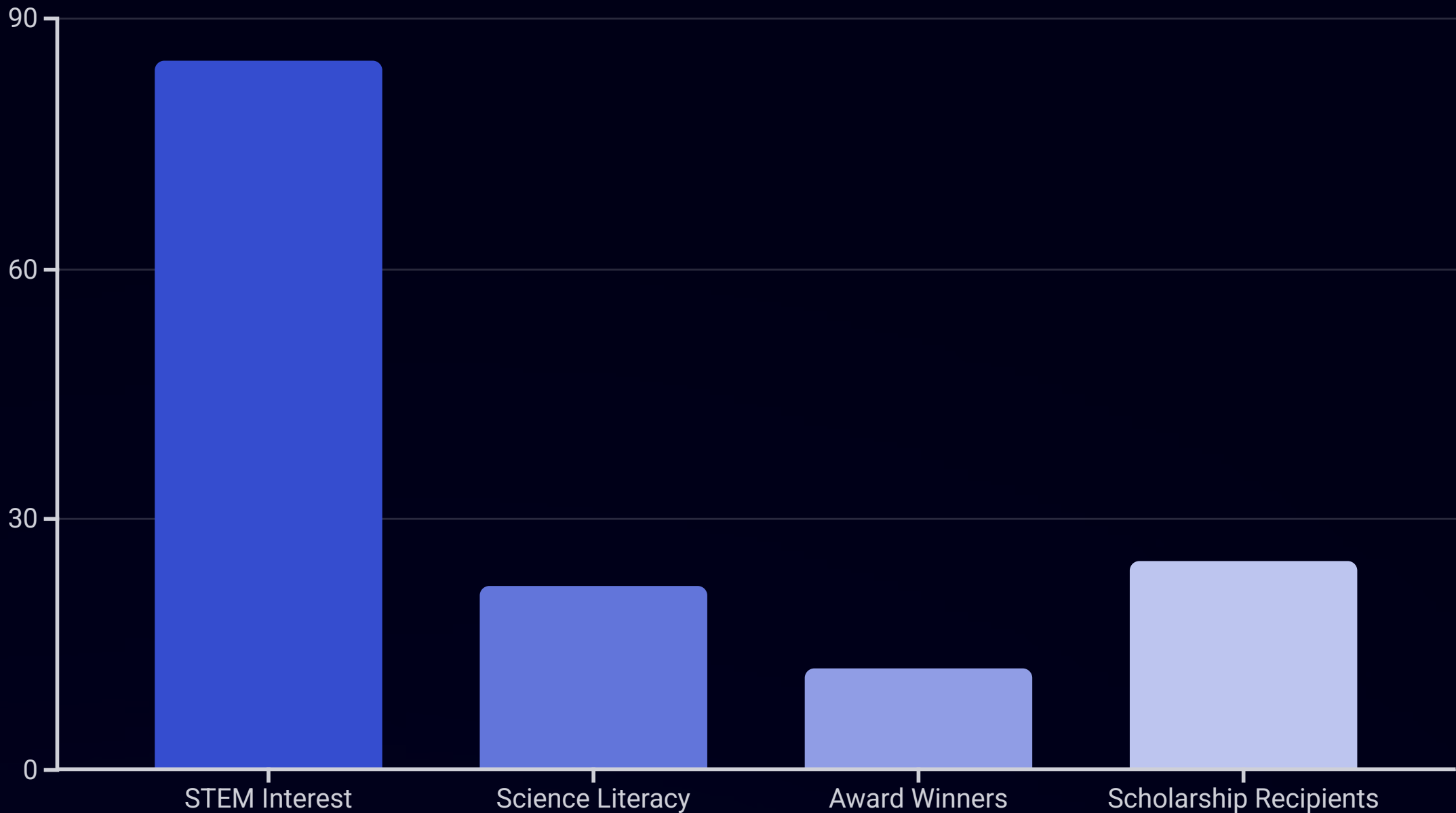
Scientific Observation
Document findings in lab journals



DNA Extraction
Extract genetic material from strawberries

Ecosystem Jars
Build self-sustaining mini-biospheres

Outcomes & Impact





Join the Science Exploration!



Upcoming Sessions

Summer & Fall 2025 registration
now open



Scholarships

Available for 25% of participants



Contact Us

Email
info@scienceexplorerslab.org