

CLIMBING WATERS: EXPLORING CAPILLARY ACTION IN TK

Our TK students recently became little scientists in the “Climbing Waters” experiment, where they explored the concept of capillary action. With clear cups, paper towels, and food coloring, children set up the activity and made predictions about what would happen. This Guided Experience gave them a hands-on way to connect scientific concepts with curiosity and play.

The next morning, the students excitedly gathered to see the results. To their amazement, the empty cups had filled with new colors—orange, green, and purple—created as the water traveled up and across the paper towels. One child shouted, “The water really did climb!” while another exclaimed, “Look, the colors made a rainbow!” These discoveries sparked Wonder, showing students how God’s creation works in surprising and beautiful ways.

Beyond the science, this experiment also provided a meaningful faith connection. Just as the rainbow became a sign of God’s covenant with Noah, the colorful results of this project reminded us of God’s promises and His creativity in the world around us. Through simple materials, teamwork, and joyful learning, our students deepened both their scientific understanding and their gratitude for the beauty of God’s design.

