



1st Grade

Dragonfly Activity – We start the activity by reading “Are you a Dragonfly?” or “The Secret Life of Streams”. The books explain the dragonfly lifecycle, and how the dragonfly starts its life off in the water and ends it with a set of beautiful wings. Then students make a dragonfly craft with a clothespin body, colorful paper, pipe cleaner, and ribbon. This is a great educational activity and fun for all. **Standards: S1L1 b,c**

Caddisfly Activity - Students are read the book “The Secret Life of Streams” by Lynell Marie Garfield. The book teaches about the characteristics and lifecycles of mayflies, stoneflies, caddisflies, dragonflies, dobsonflies, and midgeflies in a fun story. Then we focus on Rocky the case building caddisfly and show the students pictures of different cases made by caddisflies. Then students create their own unique case out of rocks, sticks, and other craft items. **Standards: S1L1 b,c**

The Incredible Journey - This is a great Earth Science activity that covers condensation, evaporation, and electromagnetic forces. The Incredible Journey utilizes the skills of organizing (mapping), analyzing (identifying components and relationships), and interpreting (describing). When children think of the water cycle, they often imagine a circle of water flowing from stream to ocean, evaporating into clouds, and raining down. In this activity, students will role-play a water molecule as it travels through the water cycle. This activity helps students to conceptualize the water cycle as more than a predictable two-dimension path. As students move through the water cycle, they will collect beads that map the route of water. The incredible meets the standards for Earth Science and Ecology and aims to get the students to describe the movement of water within the water cycle and identify the states of water. A short “icebreaker” is used to show students how much of the Earth is land and how much is water. **Standards: S1E1**