**Ropes Course Equipment**

**Carrabiner:** Used most commonly to connect a climber to a climbing rope. Also used to connect a facilitator to a set of self-belay lobster claws.

**AutoLock or Triple Lock Carabiner:** These specialized carabiners are spring loaded to lock automatically. The “Auto-Lockers” on our course are silver with purple gates, and they are used on the self-belay lanyards. The Triple Locks are steel, and gold in color. These are significantly heavier, and used on the connection between the pulley/attachment point and the static lanyard on the Zip Line and Giant Swing.

**Belay Device:** These are used at the point of connection between a facilitator and the belay rope. The Sher-riff or ATC are the most common (these are brand names for the device pictured). We also have a few Sticht Plate/Hognose devices which are similar, but look different.

**Harness:** These are worn by any camper or staff member who is climbing or belaying. The webbing straps provide a secure method for ensuring the safety of the climber. In our brand of harnesses, Green is the smallest, medium blue fits the average camper and dark blue harnesses are made for your largest campers.
**Static Rope:** Rope that has no stretch factor. Commonly used when you need to lift or pull a load. On our course, we use static rope on the Giant Swing and the Flying Squirrel, as well as in our Rescue Bag (Rescue Rope is always ORANGE).

**Dynamic Rope:** Climbing rope with roughly a 4% stretch rate. Over the course of a 100’ rope, the rope can stretch to 104’, due to the elasticity of the cord. We use dynamic rope on all elements EXCEPT Flying Squirrel and Giant Swing.

**Rapid Link:** Long term attachment points made from heavy duty steel, in a variety of sizes. Rapid Links are used to attach SRD’s to cables, cables to trees, etc. These are NOT used to connect climbers to ropes.

**Figure 8 Belay Device:** An older style of belay device. Typically made of aluminum, and fairly lightweight. On our course, the Figure 8 is only used on the Pamper Pole.

**Climbing Helmet:** These must be worn by any climber; camper or staff, when they are at height. Our course does not require them to be worn by spotters, ladder holders, belayers, backup belayers, anchors, or rope managers.
**Lobster Claws:** Self-Belay device for facilitator access to climb high elements without an additional belayer. Used is rescue work and course maintenance.

**SRD:** Sheer Reduction Device. This is the surface that the rope slides over, at the top of a high element. An SRD is attached, via Rapid Link, to a Cable Pulley. The SRD increases the surface area to increase friction for a rope, and minimizes damage to the rope.

**Cable Pulley:** An pulley built to slide across a steel cable. It’s center wheel is made of steel. It is acceptable to run rope through a cable pulley if necessary, but the steel roller in a cable pulley is designed to stand up to the force of a steel cable.

**Zip Line Pulley:** A two-wheeled pulley designed specifically for Zip Line use.

**Rescue 8:** Similar to the Figure 8, the Rescue 8 includes the “horns” off to the sides, allowing a rescuer to lock off and go hands free to perform a rescue. Rescue 8s should never be used for any purpose other than rescue.