

Walkathon Misting Tunnel

This information was kindly supplied by Randy Harr, Dad, Bullis Purissima Elementary School
Feel free to forward. Please refer to www.walkathonguide.com for more information and supplies for organizing your walkathon.

Special Rules for the “Bear Cave” Misting Tunnel

- Normally the hottest, most desolate location; now the “hot spot” with tunnel management. Watch traffic not walking through cave -- no horseplay near “canopy”. See “Bear Cave” rules below.
- *Keep traffic moving* through at the same pace before, in and after the tunnel
- *Walkers must walk a full lap before re-entering the tunnel.* Do not allow people to exit the tunnel, walk backwards through the course, and re-enter the tunnel again. Look for obvious cases of walkers leaving the course at the lower playground and re-entering at the bathrooms for the purpose of shortening the lap to re-enter the tunnel.
- *Be firm and fair with the misting times* (nominally on for 15 minutes; off for 15 minutes and turning on at every 1/2 hour mark). This timing should allow two to three entries for all walkers each time period. The timing encourages walkers to pick up their pace every so often and saves 50% of the potential water use. Also, we will not begin the “service” until it gets warm (10 or 11AM nominally).

Bear Cave Setup / Storage Instructions:

- Use the 10x20 “Hercules” style canopy (one of two) stored in the container near the science classroom. Use BOTH canopy tarps, creating a seam at the crest, so side walls are created. The canopy uses the shorter poles for the roof members and the longer poles for the legs. The roof is 4 sections long and 2 wide. The same 45” angled joiners are used for the peak and sides. Build the roof.
- Place 4 1” PVC pipes crosswise across the side poles of the roof. Carefully place the misting system figure-8 units on top of these PVC cross pipes. Center the misters under the roof peak and make sure the misters are pointed down. Try to avoid getting dirt in the misters, debris in the mist pipes, or bending the figure-8 so as to create a leak at a joint. (If a leak does develop, drain of water and use PVC pipe cement and possibly a repair kit.) The water pipe connections for each mister should be in the center and about 2” from each other. Connect the “Y” baffle to each of the mister water pipe connectors. Reposition the cross pipes so they are not blocking any mist nozzles. Lash (with bungees, rope, or cable ties) the cross pipes to the roof cross members and the misters to the cross pipes. Attach the 25’ hose to the “Y” baffle making sure the hose valve is at the other end of the hose. Lash the hose to the canopy roof as appropriate.
- Being careful not to step on the misting system, place one canopy on the roof, brown side down. Place one long edge along the roof peak and attach the bungee cords to the roof peak (fold the 1ft flap back over and down the roof). Fold the other half of the canopy back on top so it just meets the roof peak. Next attach the second canopy in a similar way on the same side but this time Brown side up and on top of the previous canopy (fold the 1ft flap back under this canopy but on top of the first canopy. Attach the bungee cords. Now pull the second roof canopy back over to the open side of the roof canopy. Fold the second half of the canopy back onto the top of the first. Make sure the 1ft overlap at the top continues to overlap forming a sealed peak.
- Insert the legs one side completely and then the next. Yes, it only takes one person to build it! Once built, tie a 5’ rope with 30lb sandbag to each leg at the roof joiner. This helps stabilize the canopy and keeps the wind from picking it up and poles pulling out. Pull the extra canopy down each side from the roof. It will hang ~6” from the ground if you used the long poles as legs. Take the 2 18’ 1” PVC poles and snake them through the bungees at the bottom, making sure to be on the inside of the leg poles. This attaches the sides to the tent.
- Snake the hose as desired and connect to the hose supplying the water source. Turn on the water and check for leaks and clogged nozzles. Decorate the Bear Cave as appropriate.
- At the end of the walkathon, reverse the procedure. Make sure to empty all the water from the misting units. Store all the ropes, loose bungees, and other special items in a bag. Lash the PVC poles and misting units together. Hang the misting units, bag and PVC poles from the ceiling/wall in the store room near the school office.