

Girl Scouts of the Jersey Shore

Virtual Badge Breaks: Outdoor Takeover

Be sure to share with us how you have tested your outdoor skills and your creations using the hashtag **#ThinkOutside** or via the photo submission page on our website for other Girl Scouts to follow along. [[GSfun.org/photoshare](https://www.gsfun.org/photoshare)]

Basic Fire Safety

- ALWAYS have an adult present
- Remove or secure any loose or dangling clothing or accessories
- Tie back long hair
- Have a bucket of water near before starting

Egg-Crate Fire Starters

Supplies Needed:

- Wax (crayons, paraffin, old candles)
- Corrugated paper carton egg crates
- Wood shavings
- Double boiler

1. Melt crayons, paraffin, or old candle in a double boiler.
2. Use the corrugated paper cartons, not plastic. Fill each cup with sawdust, lint, and/or wood shavings.
3. Pour melted paraffin over the top of the filled cups.
4. After cooling, break cups apart and store for usage later.

Building an A-Frame Fire

Every good fire allows a good balance of fuel, air flow, and heat. The tinder, kindling and wood will provide the fuel, and the amount of oxygen getting to the flame will determine the heat and how well the fuel will burn. The more you practice building a fire, the better you will get! Remember, ALWAYS have an adult present.

Before Starting:

- Leave No Trace principles say that you should always start a fire in an existing fire ring.
- Have 2 buckets of water nearby.
- You NEVER play or run around a fire.

Supplies Needed:

- Fire starters (try your hand at the egg-crate fire-starters!)
- Metal bucket full of water
- Metal tongs
- Matches
- Wood
 - Kindling – Kind-of-Big-Kindling, the size of your thumb or a little bigger
 - Tinder – Tiny-Tinder, the width of your pinkie or a little smaller
 - Fat Fuel – These are your logs

How to Build

1. Begin with the basic foundation or “A” frame made with three sticks of kindling, making sure they overlap.
2. Repeat with two additional layers on top of the “A” base, making sure that the walls look like the walls of a log cabin.
3. Place a fire starter at each of the three corners of the A-frame.
4. Lightly pile a large handful of tinder on the roof of your A-frame.
5. Light the fire starters from underneath.
6. As the flame catches, start adding small pieces of kindling in the A-frame formation.
7. When the fire is going well, add fuel of graduated sizes on and continue the A-frame.
8. Kindling and fuel should be added piece by piece and placed carefully so that they get enough air and can catch fire.

How to Extinguish

Put a fire out with the 3 “S”s.

Spread - use a water-soaked stick to spread out the wood in the fireplace or ring.

Sprinkle - sprinkle water over wood and ashes - DO NOT DUMP THE WATER.

Stir - Stir your ember and ash soup, making sure you extinguish the hot spots.

Repeat “sprinkle and stir” until the fire is out so that when you hover the back of our hand over the ash, you do not feel any heat.