



Modern Shade^{LLC}

Premium Fabric Shade Structures

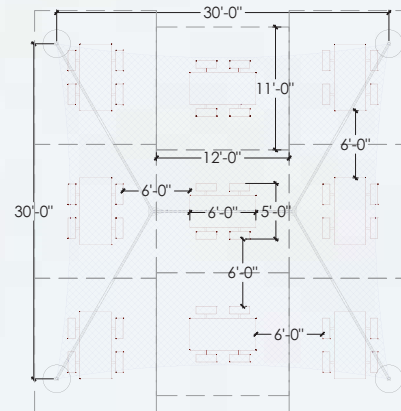
OUTDOOR CLASSROOM



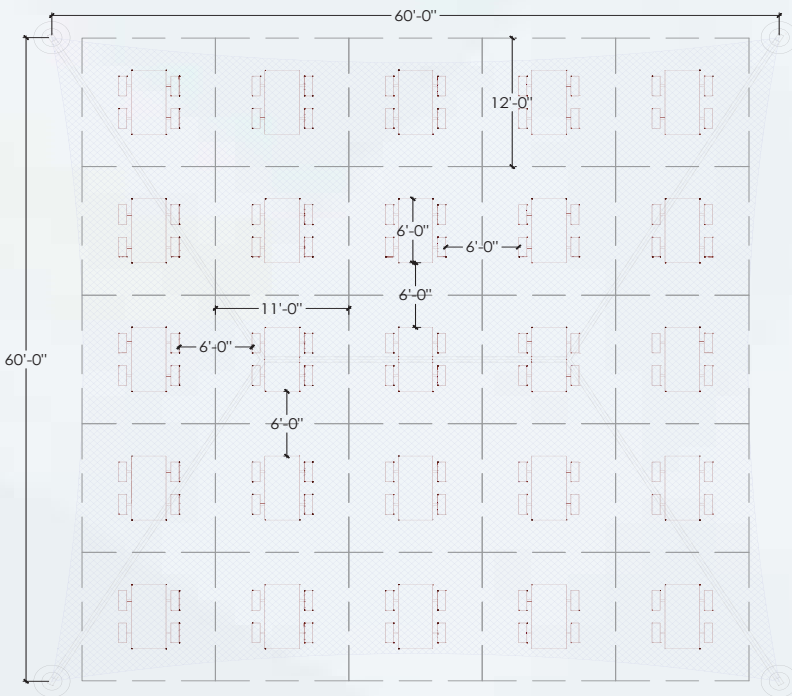
Modern Shade^{LLC}

877-385-3444 / sales@modernshadellc.com

**30' x 30' - 4 POST HIP STRUCTURE
SITS UP TO 36 STUDENTS**



**60' x 60' - 4 POST HIP SUPER STRUCTURE
SITS UP TO 100 STUDENTS**



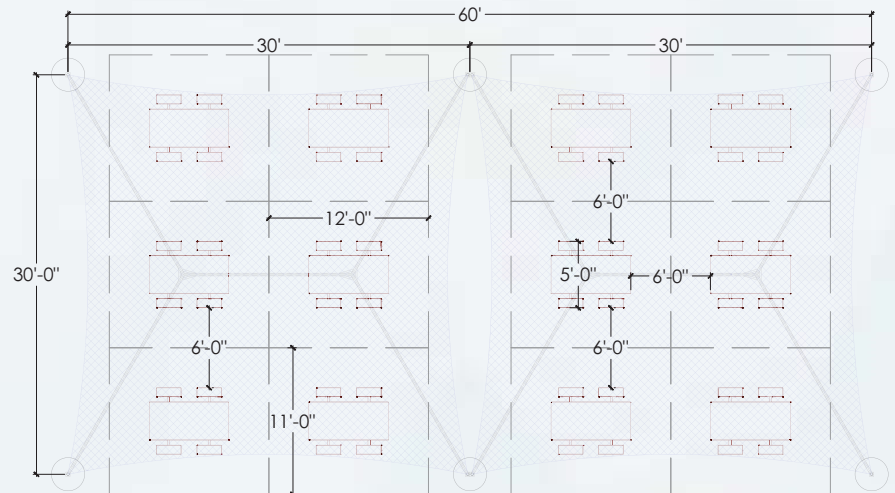
Not only do Outdoor Classrooms provide students and teachers the additional space required for social distancing but according to a 2018 study at UC Berkeley, teaching a class outside helps kids be more attentive and focused once they return indoors.

Possible benefits of using Outdoor Classrooms:

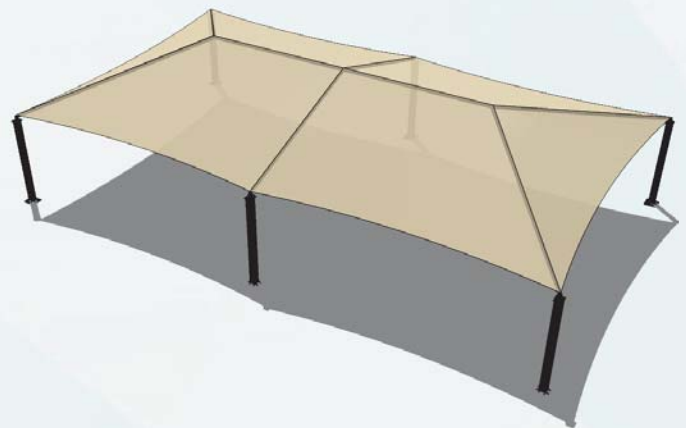
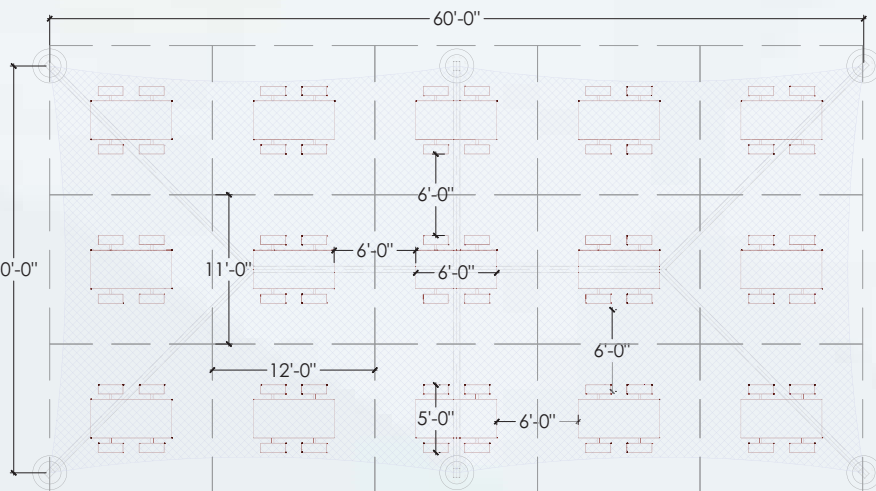
-  Decreased behavior problems
-  More engagement, cooperation and creativity
-  Reduced stress and better sleep
-  Better test scores and higher grade point averages

Long after social distancing fades away, your Modern Shade structure will remain an asset for continued outdoor learning, or it can be converted into shade covered areas for outdoor recess and activities.

**30' x 60' - JOINED 4 POST HIP WITH TWO CANOPIES
SITS UP TO 48 STUDENTS**



**30' x 60' - 6 POST HIP WITH SINGLE CANOPY
SITS UP TO 60 STUDENTS**



Modern Shade's architectural HDPE mesh fabric blocks up to 96% of harmful UV rays while still allowing light to pass through so the shaded areas are not too dark. Our HDPE fabric allows heat to escape through its mesh roof which in turn can lower temperatures under by as much as 25 degrees. For outdoor classrooms that need rain protection, we offer an optional PVC waterproof fabric. Modern Shade can design and manufacture your project using either fabric with its proprietary MaxTension™ pulley system which creates the proper tension and longer life span.



Modern Shade^{LLC}

FABRIC COLORS



Also available in 40 different water proof colors

FABRIC FEATURES

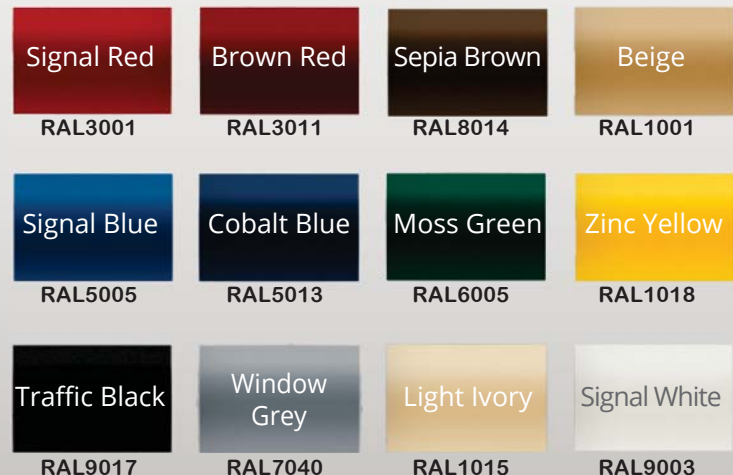
- ✓ Construction - lockstitch monofilament & tape yarns
- ✓ 340 gsm fabric suitable for applications spanning a wide array of sizes and designs
- ✓ Provides the optimal combination of sun protection, strength, and durability to ensure low maintenance, and long-life performance
- ✓ The most expansive color assortment in the HDPE shade fabric market offering 22 rich, vibrant and on-trend colors to fulfill a wide range of design requirements
- ✓ Industry-leading stentering process provides premium lay flat characteristics to assist with accurate design and fabrication
- ✓ Backed by a full 10-year warranty against UV degradation and designed to withstand the world's harshest environments
- ✓ 100% Lead and Phthalate free
- ✓ Up to 96% UV block
- ✓ All fabric are ASTM E-85 rated
- ✓ FR fabric available in all the same colors



METAL FEATURES

- ✓ High Strength Pre-galvanized and ASTM
- ✓ Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise
- ✓ Standard practice welding performed using E-70 electrodes or gas metal arc welding utilizing ER 70-S6
- ✓ Welding performed in accordance with the latest edition of the American Welding Society Structural Welding Codes ASW D1.1
- ✓ All metal / steel components shall be media blasted and primed with Zinc rich primer
- ✓ TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility and over bake resistance
- ✓ Powder coated in the approved color by electrostatically applying and baking at 400 degrees Fahrenheit to a thickness between 3.0 - 5.0 mil for a consistent glossy finish
- ✓ The manufacturer shall provide a 20 year non-prorated warranty against failure due to rust-through corrosion on steel frames
- ✓ Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections

METAL COLORS



Hot Dip Galvanized finish available upon request



Modern Shade^{LLC}

877-385-3444 / sales@modernshadellc.com