

Tech Playland Lighting

You are the Future!
Learning lighting today makes
the designers of tomorrow!!!

RULES

- This is a one person event. All can practice, but only one team member competes.
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- We provide you with the power source and the lighting instrument.
- You have to pick up, properly hang following safety procedures, then power the instrument.
- After all safety procedures have been followed (gloves and lanyard on wrench), you focus the light output on a provided wall mounted template.



How to Practice

One 6' table to assemble participants. Four feet in front of the table set your light tree. One Source 4 on either side of the tree. The instruments start on the ground. Power for the instruments are run to the base of the tree and up to an appropriate height for the two instruments to plug into edison. A data connection should not be necessary but make sure if using LEDs that the instrument is addressed/set up correctly. If using conventional lights, gloves must be worn at all times to ensure participants are not burned as the lights heat up. Also, if using conventionals, make sure you have adapters for edison to stage pin. One pager description is printed from the handbook and taped to the table. No chairs at this station other than for the teacher.

Needs: Light Tree, two lighting instruments with safety cables and clamps, Extension cord and adapter to provide power.

Tech Playland Set Design

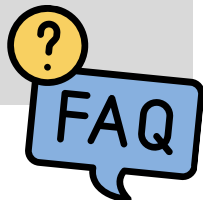
You are the Future!

Exploring set design today
makes the architects of
tomorrow!!!

RULES

- This is a team event of up to 4 participants
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- Read the design prompt. Discuss/plan your attack of the set up.
- Measure and decide which pieces are used as per the prompt on the table.
- Follow proper safety rules and procedures; do not pick up heavy pieces by yourself.
- Set up your scene as per the prompt.
- Keep everything on the blue tarp.
- Take a picture for Eventsential before you strike.
- Return pieces to their starting positions..

How to Practice



One 6' table to assemble participants. One pager from the handbook is printed and taped to the table. 4 feet in front of the table spread on the floor, is our 20 x 40 blue tarp to protect the floor from scrapes as the UIL set is set up and struck. Tape the tarp to the floor. The 32 piece set being used is set along the opposite side of the tarp from the table. The design prompt for the set is taped to the top of the table on the side that is closest to the tarp. You will need a tape measure for this event and will follow the written prompt to assemble the set. You are done with the event when you take a pic of your team on the set and post to our Eventsential. No chairs at this station other than for the teacher.

Needs: 32 piece UIL Set, 20 x 40 blue tarp, black gaff, spike tape, measuring tape

Tech Playland Fold a Drop

Team work makes the Dream!

Learning to fold that drop
builds your tech team!!

RULES

- This is a team event of up to 4 participants.
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- Unfold the drop from the 4 corners.
- Image side up, fold sides into center 3 separate times.
- Book fold the two halves together making a 3 foot strip.
- Fold top and bottom into center 3 separate times.
- You will end with a 2 foot square-ish bundle.

How to Practice



One 6' table to assemble participants. One pager from the handbook is printed and taped to the table.

Drop is set in front of the table. Book fold of the drop ends into the middle. Goal is to make the final product 30 inches wide. Then fold from both ends into the middle in opposite directions. The final product is a 30 by 30 square.

Fold a Drop

No chairs at this station other than for the teacher.

Tech Playland Knot Tying

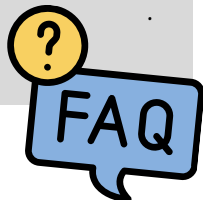
You are the Safety!

Learning to tie knots that don't fail today, makes you safer tomorrow!!

RULES

- This is a team event of up to 2 participants.
- It is a timed event. Fastest of the two is kept.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- You will be given paracord for the competition.
- You will tie the clovehitch around a PVC stand and closed with a half hitch. Then the Bowline will be tied at the other end of the para.

How to Practice



One 6' table to assemble participants. One pager from the handbook is printed from the handbook and taped to the table. Centered on the table are your sorted piles of Paracord (Bundles of 3 foot lengths). Each participant gets their own to keep. To the left or right of the table is the tying towers set for making clove hitches. You will tie the Clove hitch, finish with the half hitch and close with the Bowline.

[Bowline Video](#)

[Clove Hitch Video](#)

[Half Hitch](#)

No chairs at this station other than for the teacher.

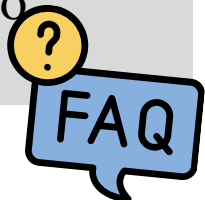
Tech Playland Sew a Button

Explore making clothes!!

Learning sewing today makes
the fashion designers of
tomorrow!!!

RULES

- This is a one person event. All can practice, but only one team member competes.
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- There will be a quick session where the table leader will teach you how to correctly sew a button. Please pay attention.
- Sit at the table and collect your supplies.
- Pass needle thru and back the fabric. Tie off thread.
- Pass thru a second time and thru a button.
- Repeat last step up to 4 times.
- End up on opposite side of button and tie off thread to secure button.



How to Practice

Two 6' tables to assemble participants. One pager from the handbook is printed and taped to the table. Around the combined table, you need to have 6 to 10 chairs. Magnetic bases for needles are set in four places around the center of the table. Tubs of buttons and fabric are set out around the table as well. Think quilting bee set up with students sewing buttons all around the table. Teacher is set at the head of the table and threads most of the needles while instructing students on how to attach buttons to fabric.

Needs: All sewing notions, two tables and 10 chairs.

Tech Playland Cable Relay

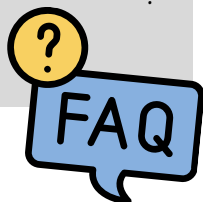
You are the Manager!

Learning to coil cable correctly makes it last longer so you'll have it next time!!

RULES

- This is a team event of up to 4 participants.
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- Start at one end of the 4 cables laid before you.
- Coil each cable and bring back to its box.
- Each cable is coiled by a different team member.
- Fastest overall time of getting cables to their box wins the relay.

How to Practice



One 6' table to assemble participants. One pager from the handbook is printed and taped to the table. Cables are set in front of the station and the relay is taught from there. No chairs at this station other than for the teacher.

Coiling Cable

Needs: 4- 50 foot stage pin cables, 2- 50 foot XLR cables.

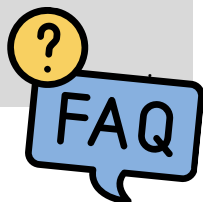
Tech Playland Costume Quick Change

You are the Future!
Learning a quick change today
makes the dresser of
tomorrow!!!

RULES

- This is a team event of up to 4 participants
- It is a timed event.
- If this event is chosen for the Tech Relay, the best time will be recognized at Closing Ceremonies.
- Decide which costumes will be used. Must have a top, bottom, shoes and a hat.
- Two dressers prepare costumes.
- Actor on the line. You are dressing the actor.
- At go, race for the dressers and get the change started.
- Time is up when costume is on and dressers are no longer touching the actor.

How to Practice



One 6' table to assemble participants. One pager from the handbook is printed and taped to the table. Set the costume rack to the side of the table with two looks on it for the event. Measure 15 feet from the table for a starting line and tape on the floor. This will be where the student runs from at the start of time to begin the change. No chairs at this station other than for the teacher.

Needs: Costume rack, two sets of costumes, Gaff tape.