Overview

Thank you for making plans or considering to host an official VEX IQ Challenge event! The Robotics Education & Competition Foundation is pleased to support your efforts to plan and coordinate a successful event by sharing sample event layouts. These layouts provide only a few possible examples of how to best utilize available space and resources to support an exciting VEX IQ Challenge event.

Using the Layouts

Successful VEX IQ events can be coordinated with limited space and resources. Since all venues are different, these layouts can serve as a guide to develop a plan that works well for your event. Possible spaces that can be used include classrooms, an auditorium, a gymnasium, lunch area, or a media center, to name a few. Innovative use of space will help you develop the best layout plan.

These layouts were designed to outline basic event requirements. If additional resources and space are available to support your event, feel free to provide any materials and/or technology that you feel would enhance the experience for the event participants. For instance, an additional computer and projector can serve not only as a great backup plan when technical difficulties may occur, but can also help you share more action and information to increase the engagement of all event participants.

Any layout plan that you develop should designate space to coordinate event activities, as well as ensure a safe and efficient flow of traffic in and out of the following key event areas:

- **Team and Volunteer Check-In/Information Desk** – Near event entrance
- **Robot Inspections**
- **Teamwork Challenge Game Field(s)**
- **Practice Field(s)**
- **Skills Challenge Field(s)** – Separate or combined with Teamwork and Practice Fields
- **Team Pit Areas** – Tables and chairs for teams
- **Robot Charging Stations** with access to electricity
- **Team Queuing** – Staging for the Teamwork Challenge matches
- **Scoring/Administrator Table(s)**
- **Audience Seating** – Risers or a stage can be used to enhance audience viewing. Include options for participants with special needs
- **STEM Research Project Judging** – Separate space or room is ideal, if available
- **Judge Deliberations** – To ensure privacy, separate space or room is ideal
- **Volunteer Space** – Lunch, breaks, etc.
- **Audio/Visual Equipment and Tables** – Near power source and out of traffic areas

Questions and Feedback

For questions or to share feedback, please email [VEXIQ@roboticseducation.org](mailto:VEXIQ@roboticseducation.org). Your support is valuable in making this unique learning experience possible for VEX IQ teams!
Legend

72" x 30"
Folding Table
(Two Teams Each)

8' Stanchion

Laptop

Steel Folding
Chair

Digital Projector

Projector Screen

Description | Layout Legend
---|---
Dwg No. | VEXIQ13-14 COMP LAYOUT REV2
Competition | VEXIQ 2013-2014
Release | 10/28/13

VEX IQ CHALLENGE

ALL DIMENSIONS ARE IN FEET.
Isometric View of Layout

Isometric View of Layout (Opposite Corner)

Description: 18 Team 70x52 - Iso Views
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Competition: VEXIQ 2013-2014
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Release: 10/28/13

ALL DIMENSIONS ARE IN FEET.
VEX IQ Challenge Sample Event Layouts

Description: 24 Team 85x52 - Floor Plan

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Release: 10/28/13

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