

## **ENGINEERING & TECHNOLOGY**

Dept. RO

4-H members must be currently enrolled in the Kansas 4-H STEM project to exhibit in this department. Exhibits must have been completed during the current 4-H year.

**Each exhibitor may enter one exhibit per class.**

### **BUILDING BLOCK CONSTRUCTION**

Purpose: To allow 4-Hers to start with an emphasis on using architectural blocks ("Legos") to construct dioramas. It allows youth to explore architectural design in a three-dimensional space. The intent of this program is to start with foundational ideas of architecture and to continue building on this knowledge.

1. Each exhibitor may enter one exhibit per class.
2. 4-H members enrolled in 4-H STEM-ABC for updated County and State Fair guidelines please contact the Extension office or <http://blocks.engtech4ks.com>.

**Introductory - Level 1 classes (about 1- 3 yrs. experience)**

**5710 - Diorama illustrating at least 2 architectural features beyond floors, ceilings, and walls.**

**Experienced - Level 2 classes (about 4-6 yrs. experience)**

**5711 - Diorama illustrating at least 4 architectural features beyond floors, ceilings, walls, and includes 1 or more motion elements.**

**Advanced - Level 3 classes (about 7-9 yrs. experience)**

**5712 - Diorama illustrating at least 6 architectural features beyond floors, ceilings, walls, and includes 2 or more motion elements.**

**Master - Level 4 classes (10 or more years of experience)**

**5713 - Diorama illustrating at least 8 architectural features beyond floors, ceilings, walls, and includes 3 or more motion elements.**

**A Grand and Reserve Grand Champion will be selected from all Engineering & Technology Class Champions and Reserve Champions.**