



# Engineering And Robotics Learned Young

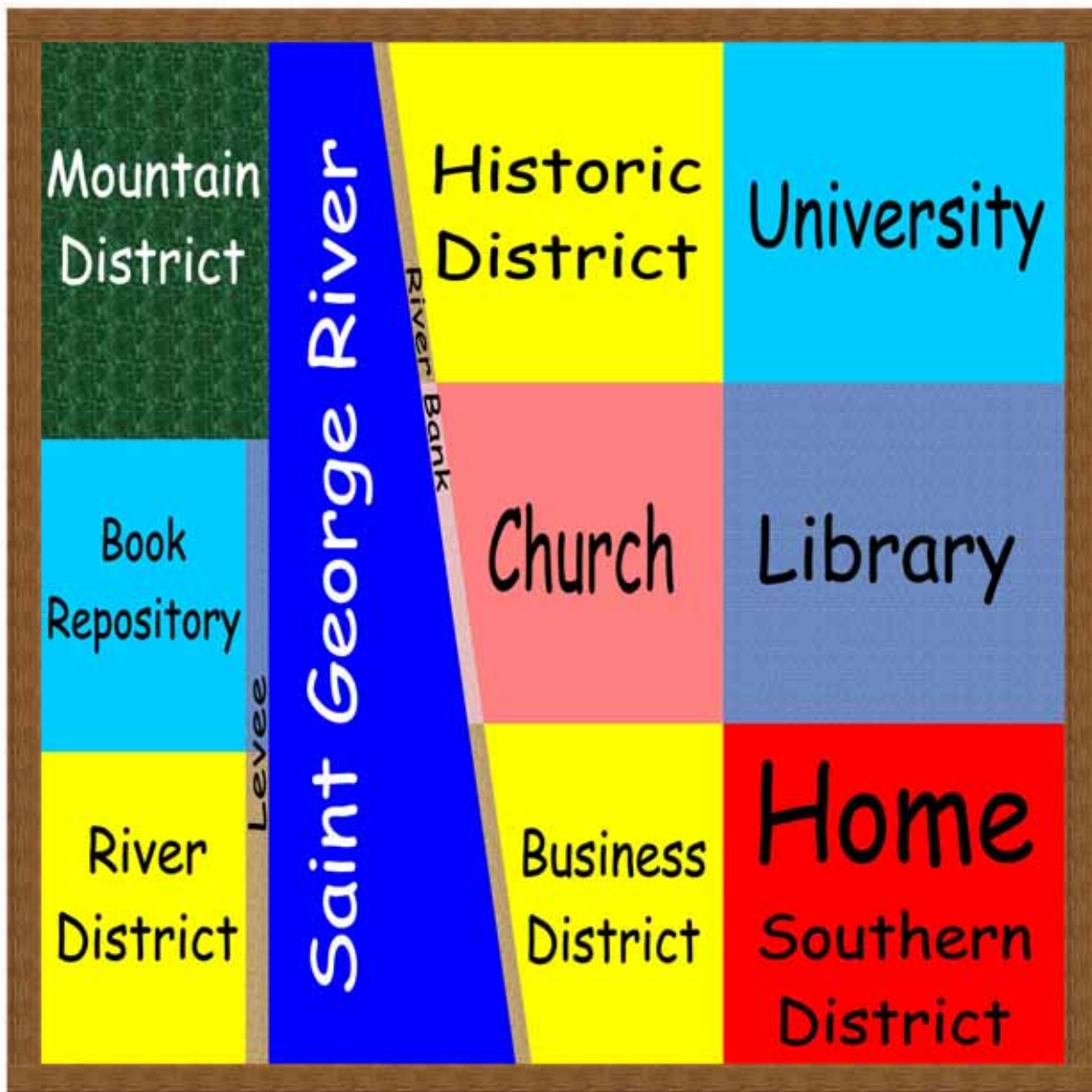
◆ EARLY ◆

## Fall 2008 Robotics Competition

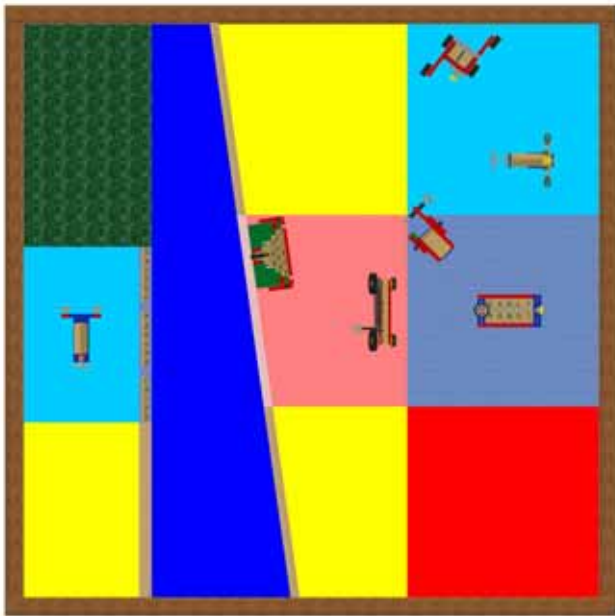
### Mission Field Details

The Fall 2008 EARLY Robotics Competition mission field, Saint George Parish, is a 4' x 4' field with a 2" x 4" border with various terrain features. The following information is provided for constructing the mission field.

## Saint George Parish



Fall 2008 EARLY Mission Field



Fall 2008 Mission Model Positions

**Field**  
48" x 48" x 1/2"  
plywood

**Field Perimeter**  
2" x 4" boards

**Mountain District**  
10" x 17 1/2"  
3/4" plywood

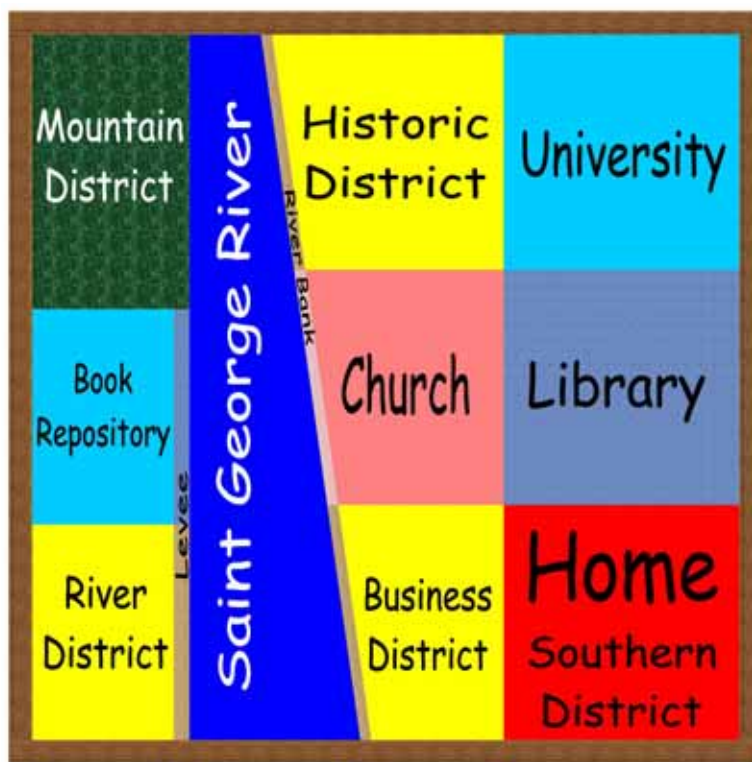
**Book Repository**  
10" x 13 3/4"

**Saint George River**  
5" top / 11" bot x 45"

**Levee**  
4 Scrabble® Tile Racks  
(27 1/2")

**River Bank**  
3/4" x 1/4" molding  
(~45 1/2")

**River District**  
10" x 13 3/4"



**Historic District**  
15" top / 13" bot x 15"

**University**  
15" x 15"

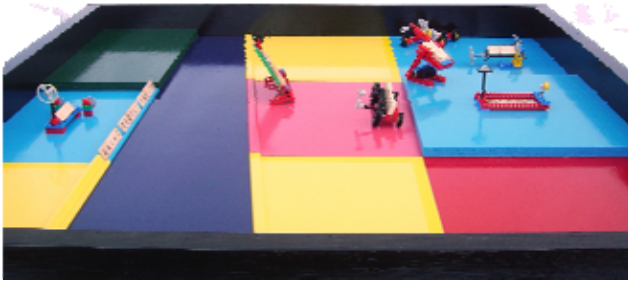
**Church**  
13" top / 11" bot x 15"

**Library**  
15" x 15"  
3/4" plywood

**Business District**  
11" top / 9" bot x 15"

**Home Southern District**  
15" x 15"

### Saint George Parish



View from the BUSINESS DISTRICT



View from the HOME - SOUTHERN DISTRICT



View from the LIBRARY



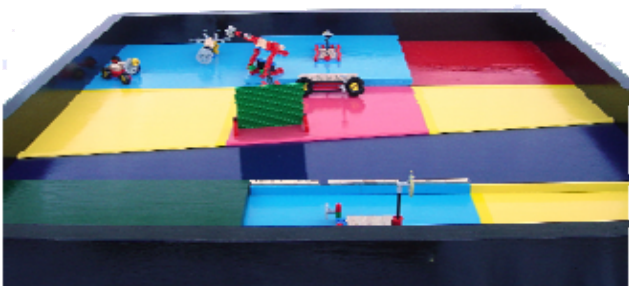
View from the UNIVERSITY



View from the HISTORIC DISTRICT



View from the MOUNTAIN DISTRICT



View from the BOOK REPOSITORY



View from the RIVER DISTRICT

- The bottom of the mission field is a 4' x 4' sheet of ½" plywood.
- The outer boundary of the mission field is made of 2x4 boards (actual dimension of 1½" x 3½") and is *black*. The side of the 2x4 board that is 1½" is attached to the plywood with glue, nails, or screws.
- HOME – SOUTHERN DISTRICT is a 15" by 15" flat area and is *red*.
- The BUSINESS DISTRICT is a trapezoidal flat area and is *yellow*. The side of the trapezoid adjacent to the CHURCH is 11", the side adjacent to the mission field boundary is 9", and the side adjacent to the HOME – SOUTHERN DISTRICT is 15".
- The HISTORIC DISTRICT is a trapezoidal flat area and is *yellow*. The side of the trapezoid adjacent to the mission field boundary is 15", the side adjacent to the CHURCH is 13", and the side adjacent to the UNIVERSITY is 15".
- The RIVER DISTRICT is a 10" by 13¾" flat area and is *yellow*.
- The MOUNTAIN DISTRICT is a 10" by 17½" piece of ¾" plywood and is *green*. It is positioned against the mission field boundary corner and is fastened to the bottom of the mission field with glue, nails, or screws.
- The CHURCH is a trapezoidal flat area and is *rose*. The side of the trapezoid adjacent to the HISTORIC DISTRICT is 13", the side adjacent to the BUSINESS DISTRICT is 11", and the side adjacent to the LIBRARY is 15".
- The UNIVERSITY is a 15" by 15" flat area and is *light blue*.
- The LIBRARY is a 15" by 15" piece of ¾" plywood and is *light blue*. It is positioned against the mission field boundary and is fastened to the bottom of the mission field with glue, nails, or screws.
- The BOOK REPOSITORY is a 10" by 13¾" flat area and is *light blue*.
- The SAINT GEORGE RIVER is a trapezoidal flat area and is *blue*. The side adjacent to the upper mission field boundary is 5", the side adjacent to the lower mission field boundary is 11", and the boundary adjacent to the MOUNTAIN DISTRICT, BOOK REPOSITORY, & RIVER DISTRICT is 45".
- The RIVER BANK is a strip of ¾" x ¼" screen molding approximately 45½" long. The RIVER BANK is part of the HISTORIC DISTRICT, CHURCH, & BUSINESS DISTRICT and is *yellow* and *rose*. The molding is fastened to the mission field with glue, nails, or screws. The molding can be purchased at Home Depot (part # 927-139).
- The LEVEE is four Scrabble® tile racks facing the SAINT GEORGE RIVER. The LEVEE is part of the BOOK REPOSITORY, & RIVER DISTRICT and is *light blue* and *yellow*. The racks are fastened to the mission field with glue, nails, or screws. Four racks are included in each Scrabble® game.
- The *light blue* color can be made by mixing 1 part blue paint with 1 part white paint.
- The *rose* color can be made by mixing 1 part red paint with 1 part white paint.

Please contact [Mission.Control@EARLYrobotics.org](mailto:Mission.Control@EARLYrobotics.org) with any questions or comments.

Thank you for maintaining the spirit of the game!