

# GSR - Setup Block for Scheduling Classes and Activities

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## Introduction

Signup for various activities and classes for scouts and scout leaders are challenging. This setup will guarantee there is zero schedule conflicts.

System administrators maintain the active block lists for all activities including merit badge classes.

Each block has unique combination of segments which are a block of hours.

There are three segments every day from Monday through Saturday, of total 16 segments in a week.

Classes and activities are scheduled using a group of segments.

One of our favorite block for Shooting Sport merit badge class has the segments below, Monday through Thursday mornings (4 segments).

Scout who signed up with this block can't take any other classes that have one of these four segments.

So, signup process will automatically hide these activities or classes from the available choices once this block is taken by a scout.

Selected Segments						
	Mon	Tue	Wed	Thur	Fri	Sat
Morning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Afternoon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Night	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Block Title

We can apply another layer of restrictions in presenting available choices to scouts and scout leaders such as age, gender, camp site, or unit type restriction, etc.

In this setup, system administrators can:

1. Update existing block segments (not recommended)
2. Add a new block
3. Remove a block (cannot be removed once used)

Once the summer camp opens and scouts signed up the programs, all existing blocks in the active list will be locked and can't be updated. Still new blocks can add to the active block list.

## Active Block List

Active Block List		
Block Title	Segment	
Monday Tuesday morning (1A)	2	<a href="#">Remove</a> <a href="#">Select</a>
Monday Tuesday afternoon (1B)	2	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday Thursday morning (2A)	2	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday Thursday afternoon (2B)	2	<a href="#">Remove</a> <a href="#">Select</a>
Monday	2	<a href="#">Remove</a> <a href="#">Select</a>
Monday morning	1	<a href="#">Remove</a> <a href="#">Select</a>
Monday afternoon	1	<a href="#">Remove</a> <a href="#">Select</a>
Monday Night	1	<a href="#">Remove</a> <a href="#">Select</a>
Monday thur Thursday mornings	4	<a href="#">Remove</a> <a href="#">Select</a>
Monday thru Thursday afternoons	4	<a href="#">Remove</a> <a href="#">Select</a>
Tuesday	2	<a href="#">Remove</a> <a href="#">Select</a>
Tuesday morning	1	<a href="#">Remove</a> <a href="#">Select</a>
Tuesday afternoon	1	<a href="#">Remove</a> <a href="#">Select</a>
Tuesday Night	1	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday	2	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday morning	1	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday afternoon	1	<a href="#">Remove</a> <a href="#">Select</a>
Wednesday Night	1	<a href="#">Remove</a> <a href="#">Select</a>
Thursday	2	<a href="#">Remove</a> <a href="#">Select</a>
Thursday morning	1	<a href="#">Remove</a> <a href="#">Select</a>
Thursday afternoon	1	<a href="#">Remove</a> <a href="#">Select</a>
Thursday Night	1	<a href="#">Remove</a> <a href="#">Select</a>
Friday	2	<a href="#">Remove</a> <a href="#">Select</a>
Friday Morning	1	<a href="#">Remove</a> <a href="#">Select</a>
Friday Afternoon	1	<a href="#">Remove</a> <a href="#">Select</a>
Friday Night	1	<a href="#">Remove</a> <a href="#">Select</a>
Monday and Tuesday	4	<a href="#">Remove</a> <a href="#">Select</a>

  

Removed Blocks		
Block Title	Segment	
Monday and Wednesday	4	<a href="#">Restore</a>
Tuesday and Wednesday	4	<a href="#">Restore</a>

Selected Segments

	Mon	Tue	Wed	Thur	Fri	Sat
Morning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Afternoon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Night	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Block Title

 