Minecraft @ Your Library

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Kirkwood Public Library
Our Server Requirements

- Run at all times
- Extra RAM
- Accessible in-library and only for teens
- Easily and quickly customizable using minimal plugins
- Get Teens involved
- Make it fun!
Original Plugins
• MyChunk
• ChatControl
• SimplePrefix
• OnTime
• Dynmap

Plugins Added Later
• HorseRacingPlus
• PvP Arena
• No Portals
• ChestRestock

Configuring Permissions
• Used PermissionsBukkit
• Grants/Denies certain rights for designated players
• Difficult to learn
Server Goals

- Create a unique experience for our teen users
- Rely on teens interacting with each other
- Allow them to create the content and features of the world(s)
- Allow teens to manage their claimed land
We started with...
A Market Place
Minecraft @ Your Library

A Replica of Our Library
A spawn point
An observation tower
A series of train stations
A trading post
Our players built...
A horse stable
An armory
A Brewing Shop
A sheriff’s Office/Prison
A music store
A pvp arena
MINECRAFT @ Your Library

Their own Creations
The Players

- Decided to allow ages 9-17
- Players must register to play
- Registration allows staff to verify age
- Eligible players are added to the white-list

- Requiring this type of process allowed staff to watch who was playing on the server and create a safe environment for teens to play freely.
The Website

Minecraft @ Your Library

Server Information

Our Server is available everywhere at kirkwoodpubliclibrary.mcservr.ws

SERVER REQUIRES THE USE OF MINECRAFT VERSION 1.6.4

Players can request whitelist access through the registration link on the left.

The banner above displays the current status of our server. If the server is listed as online, but you cannot get in, please visit http://help.mojang.com to see the status of their services.

For questions about our Minecraft Server, please contact the Teen Room at 314-821-9790 ext. 1020.
Initial Response

- Between Nov 18, 2013 – March 31, 2014
  - 48 Registered Users, who logged 360 total hours
- April – May 2014
  - The server experienced massive slowdown caused by the resources of the server
  - Not much use due to the slow speeds
  - Server taken down for repairs often
- The demand clearly existed, thus it became time to revisit how we operated the server
  - Staff proposed 2 solutions
Options

- **Option 1** – Build a new machine, estimated at about $800

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<th>Pros</th>
<th>Cons</th>
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  | • We have total control  
  | • Uploading files is easier | • We have to perform maintenance  
  | | • We have to keep it in-library use  
  | | • Large initial cost, no going back |

- **Option 2** – Use a third party server hosting service

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  | • Access outside of the library becomes feasible  
  | • Smaller monthly fees, no obligation  
  | • Online console allows for offsite server administration | • We do not have total control  
  | | • Must FTP items in and out |
Decision time

- We choose to go with Option 2 and a group called ProMinecraftHost, now called BisectHosting
  - Recommended by a staff member, has various plans for reasonable fees
@ Your Library

New Plugins

- iConomy
- BuyXP
- ClearLagg
- GUIShop
- Holographic Displays
- Touchscreen Displays
- Multiverse Core
- Multiverse Inventories

Removed Plugins

- HorseRacingPlus
- PvPArena
- Dynmap
Newly Remodeled!

**KIRKWOOD PUBLIC LIBRARY**

**MINECRAFT ONLINE!**

Library Server is:

Build whatever your imagination desires!
Explore and earn funds to buy items!
Claim land for yourself!
Battle friends!

For more information please visit:
www.kirkwoodpubliclibrary.org/minecraftserver

ACCESS THE SERVER FROM ANYWHERE
@ KIRKWOODPUBLICLIBRARY.MCSERVER.WS
Minecraft and Dr. Who?
Impact

- FY 2014 Teen programs – 70 programs, 776 attendance
- Total hours played on Minecraft server Nov 2013-Sept 2013 = 610+ hours
- Average teen program lasts 1.5 hours
- If server hours are translated into attendance, there would be an additional 406 attendees added
- Very rewarding and fun for teens and staff
My Advice

- Get teens involved as much as possible
- Plan, plan and plan some more
- Reach out to others who’ve created their own servers
- Use YouTube for tutorials on many (if not all) aspects of Minecraft and/or running a server
- Plugins can be easy or hard, but so can redstone
- Do not be afraid to make a lot of changes
Tools and resources

- MCEdit – www.mcedit.net
- WorldPainter – www.worldpainter.net
- On YouTube
  - SethBling - https://www.youtube.com/user/sethbling
  - Mumbo Jumbo - https://www.youtube.com/user/ThatMumboJumbo
  - Minecraft Realms - https://minecraft.net/realms
Thank You!

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