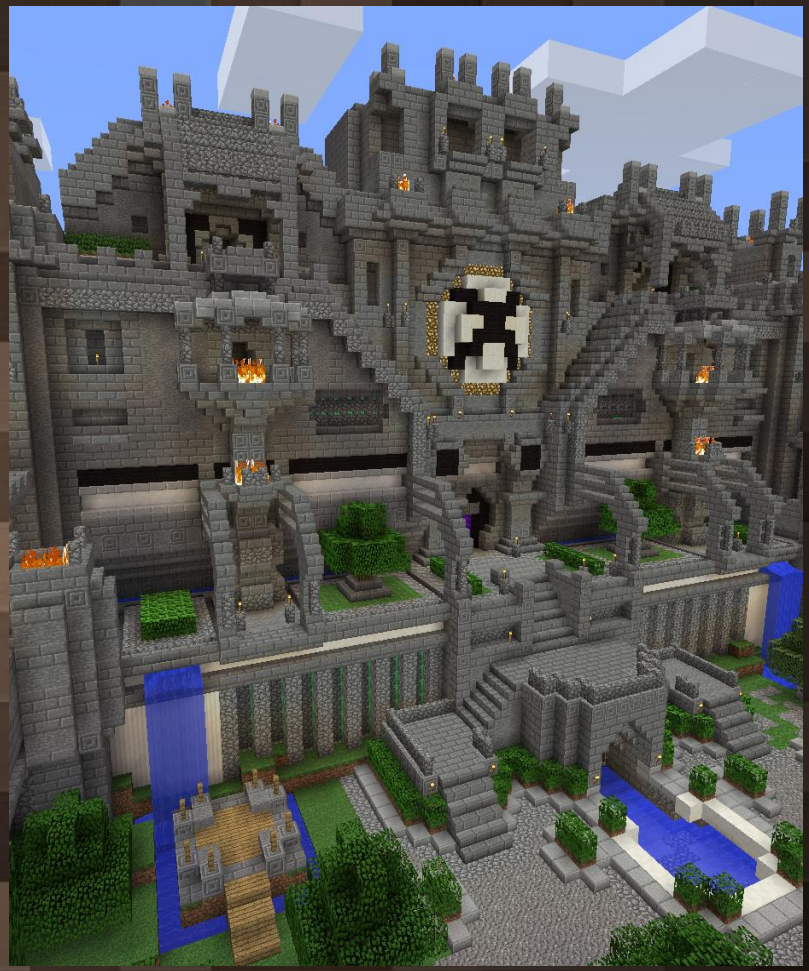
MINECRAFT
Take the plunge!

AGENDA

- What is Minecraft- and why you should be doing it.
- Licenses and servers and iPads oh my!
- Case Study: Groton Public Library
  - How it started
  - Set up & maintenance
  - Programs
  - Youth Involvement
- Learn to Play!

WHAT IS MINECRAFT ANYWAY?

- A game of creativity and (sometimes) survival within an infinite world of discovery
- World is made up of blocks which can be destroyed, placed, and crafted into new items
- Open-ended goals



Survival vs Creative

- Survival Mode:
  - Start with nothing.
  - Monsters at night and in caves.
  - Death by any number of causes ~~possible~~ likely!
- Creative Mode:
  - Infinite resources of any block/item
  - Monsters aren't hostile
  - Cannot die

WHY LIBRARIES?

- Great for reaching the tween/teen crowd
- Encourages creativity and cooperation between players
- Teaches social skills
- Teaches technology skills
- Gets kids in the library
- Makes the library a ‘cool’ place
- Gets kids reading!

THE MANY WAYS TO PLAY

- Minecraft is available as:
  - Console game (XBOX, PLAYSTATION)
  - Desktop/Laptop download
  - Mobile Device app
  - Or grab some Legos and pretend…

PC VERSION

- Minecraft program gets downloaded onto PC
- Users log in when program opens
  - Like an email account…once a user has an account, they can log into it anywhere
  - Accounts cost $26.95
    - Minecraft.net or as gift cards

TABLET VERSION

- Minecraft “Pocket Edition”
- Buy the app ($2.99)
- App serves as the account
  - No logging in
  - Works ONLY on that device
- Pocket Edition not as updated as PC Version

MULTIPLAYER

- Computer:
  - Servers allow players to connect to one another through the internet
  - Servers can be as simple as opening a game to LAN or as complex as purchasing a 3rd party server
- Tablets:
  - Tablets connect with one another via WIFI

*** PCs AND TABLETS CANNOT CONNECT TO ONE ANOTHER! ***

FREE COMPUTER SERVER

- Open game to LAN
  - That computer must always have the game running for the server to run
  - Limited settings and control
- Run Minecraft Server program off computer
  - Downloadable file from Minecraft
  - Server program can run in background
  - Firewall and security issues

Paid Computer Servers

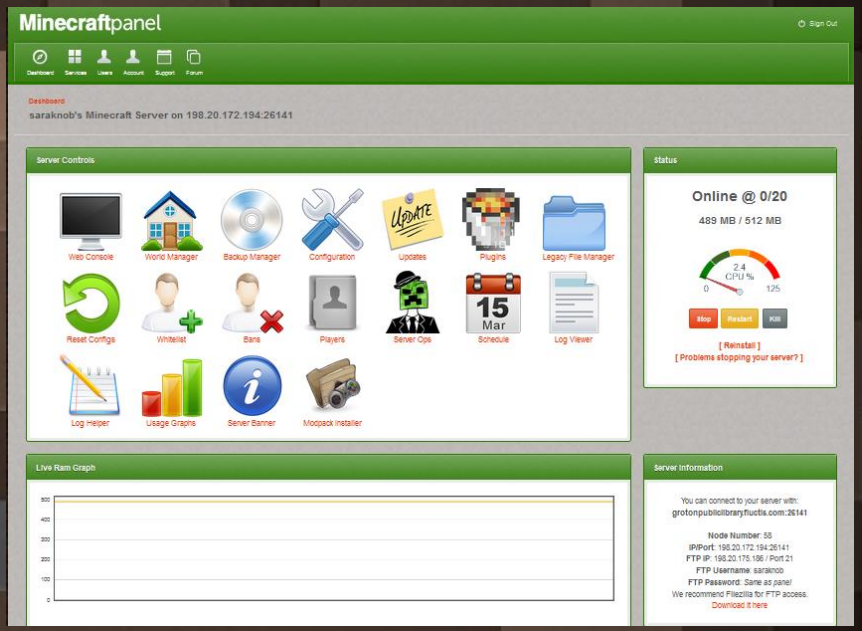
- Purchase 3rd party server (i.e. Fluctis.com)
  - Easy set up with assistance
  - Total control
  - Keeps library computers open and free
- Minecraft Realms
  - Official Minecraft multiplayer service
  - Only 10 players at a time
  - $13/month

MINECRAFT AT GRD

- Started as Teen Thing program, then Teen Night, then Summer Reading, then…
- Installed on all (10) public computers
- Purchased 10 accounts for public use
- Installed on 17 iPads
  - There is an iTunes work-around so you don't have to buy it for every single iPad!

Our Server

- Purchased 512 mb server from Fluctis.com
  - Good for up to 14 players
  - $40 annually (sale price of $26 for 1st year)
  - Comes with 'Minecraft Panel' for management
  - Players log in using internet address



ADD-ONS

- CoreProtect
  - Records complete history of actions
  - Can 'roll back' any actions
- Lockette
  - Allows players to 'lock' chests to keep items safe
- NoSwear
  - Language filter/ban
- ScreenText
  - Welcome title

PROGRAMS

- Teen Thing
  - Introduced Minecraft in the library
  - Focused on teaching how to play
- Teen Night
  - Available on computers and iPads during movie nights
    - Some kids too engrossed even to eat the pizza and chips! *GASP*
- Summer Reading
  - Tuesday Morning Parties
  - GameTruck night
    - Open use of computers exclusively for Minecraft
- International Game Day @ Your Library
  - Massive Hunger Games tournament
  - GRO represented in finals in 2015!
- Sean Faye Wolfe author visits

YOUTH INVOLVEMENT

- Minecraft Club
  - Like a TAB for Minecraft
  - Maintain server as moderators
  - Set rules and policies for gameplay
  - Decide on (or create!) add-ons
  - Design and run programs
- In-Game
  - Build structures they want
  - Create economy and government
  - Rules enforcement

MINECRAFT LINGO

- **Creeper**- One of the monsters of Minecraft. Sneaks up on players and explodes
- **Mob**- Minecraft generated being, either friendly or not
- **Noob/newbie**- a new player
- **PVP**- Player vs Player
- **Griefer**- A player who kills others and steals or destroys their stuff
- **Spawn**- Where a player first appears, or starts after dying
- **Skin**- What a player looks like
- **Crafting**- using game blocks to create something new
- **Diamonds**- one of the most valuable resources in Minecraft
- **Nether**- An alternate, hellish dimension in Minecraft
- **Ender Dragon**- the end boss of Minecraft (though the game never really ends…)

GOOD LUCK!

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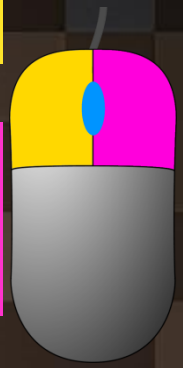
http://www.techsoupforlibraries.org/blog/your-library-can-do-minecraft-heres-how

HOW TO PLAY

LEFT CLICK: act on an object (dig, attack, etc.)



F2: screenshot

F5: change view

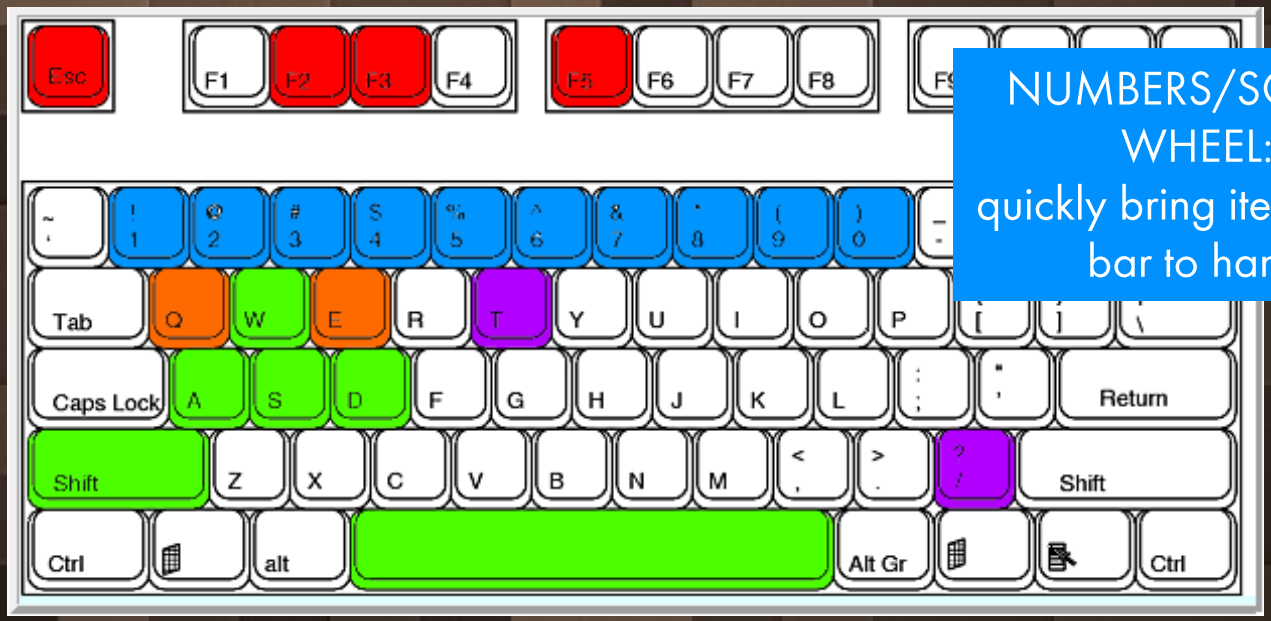
RIGHT CLICK: use an object (door, chest, crafting table, etc.)

ESC: access menu (pauses game) OR exit inventory

F3: stats & info

E: access inventory

T: chat



NUMBERS/SCROLL WHEEL:
quickly bring item in hot bar to hand

Q: throw item/switch hand

W: forward
S: backward
A: left
D: right

SHIFT: crouch (good for ledges)

SPACE: jump

/: Enter Commands

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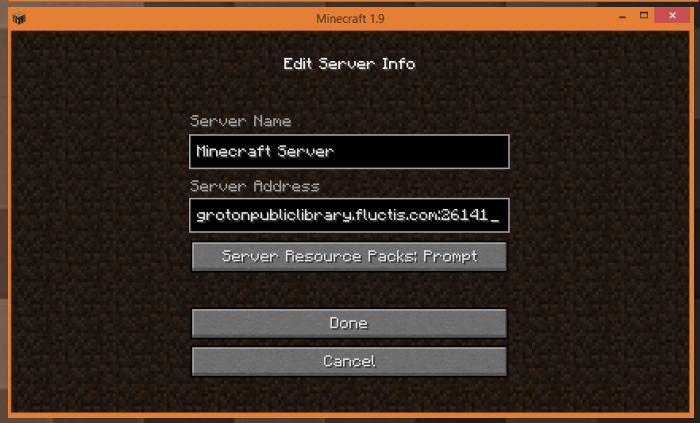
Crafting
Inventory

GET ON THE SERVER

1) Log in
   - We have Minecraft accounts for you to use!
2) Click ‘Multiplayer’
3) Click ‘Add Server’
4) Enter a server name (can be anything) and the server address: grotonpubliclibrary.fluctis.com:26141
5) Click ‘Done’
6) Select the server from the list
7) Click ‘Join Server’



User ID This is how the kids identify the account they want to use. I.E. "I want number 7 please"	Email This is what you type in where Minecraft says "Email Address or Username"	Password This is the password you type in to log into the account
GrotonLibrary1	seniorclerk @grotonpubliclibrary.org	GrotonPL1
GrotonLibrary2	director @grotonpubliclibrary.org	GrotonPL2
GrotonLibrary3	libraryassistant @grotonpubliclibrary.org	GrotonPL3
GrotonLibrary4	libraryassistant2 @grotonpubliclibrary.org	GrotonPL4
GrotonLibrary5	lbonavia @grotonpubliclibrary.org	GrotonPL5
GrotonLibrary6	fsatterly @grotonpubliclibrary.org	GrotonPL6
GrotonLibrary7	mroberts @grotonpubliclibrary.org	GrotonPL7
GrotonLibrary8	sshurtleff @grotonpubliclibrary.org	GrotonPL8
GrotonLibrary9	jwatkins @grotonpubliclibrary.org	GrotonPL9
GrotonLibrary10	jmorey @grotonpubliclibrary.org	GrotonPL10