- Game Map
 - set up so there are multiple paths to choose but you will learn things in the order that they need to be learned in.
 - Mini-games will be played in order to complete each section in a level.
 - Rewards system for each lesson completed
 - o Coins to unlock customizations/pets
 - Potentially other perks/functionality
 - Lessons will also be included in the path along with mini games
 - The player will be able to:
 - Select an unlocked level by clicking on its tile
 - This brings them to a minigame focused on the particular topic
 - View future levels and their topics
 - View what is required to unlock the boss levels
 - Go back and replay previous lessons
 - o There will also be buttons to open:
 - Options
 - Character Customization
 - Save the game
 - Organized by concept
 - Variables
 - If / Conditional statements
 - Loop
 - Functions
 - What libraries used for (later grades)
 - Stack/Queue
 - Recursion
 - Key-fragments or other checkpoint feature
 - Boss fight after each level
 - Unlocked after having appropriate number of key-fragments/checkpoints
 - o Pause screen can be accessed from here
- Mini-games
 - Mini-games will happen a few times per level
 - Asteroids
 - Whack a mole definitions or bits of code
 - Puzzle slide
 - Sorting Minigame (strings, ints etc)
 - The minigame itself will vary depending on the topic at hand
 - Presented with a disguised lesson in the form of a game to play
 - The player will be able to
 - Interact with some assets in manners such as:
 - Sorting (click and drag)
 - Choosing an option (left vs right via 'a' and 'd' or 'up' and 'down'
 - Walk and interact (via 'wasd' and left clicking)
 - Once the minigame has been finished:
 - An autosave will occur
 - Won
 - The lesson will be marked as completed on the map and the path will update.
 - Failed
 - The lesson can be redone in order to move on
 - Can potentially offer supplemental material to aid in understanding
- Start Game Screen
 - Player can choose to:

- begin the game via the start button (this will bring them to the character select screen)
- Change their sound settings via the options button
- Boss Screen
 - o Unlockable once corresponding pieces have been collected via winning levels
 - Will show what topics are relevant
 - Once the boss level is cleared, a new section of the map will unlock
- Pause Screen
 - o Edit options
 - Save game
 - o Exit game
- Character selection
 - The player will be able to:
 - Pick a player model
 - Change color scheme
 - Add/remove any accessories they have unlocked
 - Name their character
 - Once done, this will bring the player to the map screen
- Options Screen
 - Master volume (controls both the music and sounds volume)
 - o Sounds volume (in game noises)
 - o Music volume
 - Option to go back to start game screen