Minecraft Play: Zombie Dance Party

In this part of the lab, we create the decorations for a zombie party using redstone to build two different types of redstone clocks. These "clocks" are actually repeating circuits powered by redstone. One clock is used to power redstone lamps and sticky pistons (which can both push and pull blocks) to create a light-up dance floor, and the other is used to make a light-up entryway to the party.

GAME MODE
Creative

APPROXIMATE TIME TO COMPLETE
2–3 hours in Minecraft; 15–30 minutes outside of Minecraft

PLATFORMS
PC/Mac, Consoles

SHARE YOUR WORK
Use the hashtag *#minecrafterbook* to share your work—we want to see what you've created! Share both your simple LED circuit and your Minecraft dance party.

1. **Choose a flat world, then pick an area that will work for your dance club. To make the dance floor, dig out the floor at least two blocks down. Make a redstone clock using minecart rail, detector rail, powered rail, redstone torch, minecart, and redstone dust. Every revolution the cart makes sends a signal through the detector rail. The detector rail uses redstone dust to carry the signal to redstone lamps (on the left) and sticky pistons (on the right) (fig. 1).**

2. **Place pressure plates all around the floor. Pressure plates have redstone functionality built into them. Once you have most of the floor covered, spawn several silverfish on top of the pressure plates and below the redstone lamps. The slippery bugs will light up the dance floor by activating the pressure plates as they roam around their dance floor cage (fig. 2). Place the redstone lamp above the plates, leaving enough room for the silverfish.**

ABOUT REDSTONE
Redstone is a main power source in Minecraft. It is like electricity and can transmit energy up to fifteen blocks away, though the energy weakens as it's transmitted over a distance.

3. **To make a disco ball, we added flickering redstone torches to prismarine brick blocks (fig. 3).**

4. **Finish your party by adding walls, other decorations, and music. We added a lighted entryway using redstone dust, redstone repeaters, and redstone torch to create another type of redstone clock. Put redstone dust in your hand, break the torch, and quickly replace the torch with redstone dust. (fig. 4). The zombies we invited can't wait for the party to start (fig. 5).**

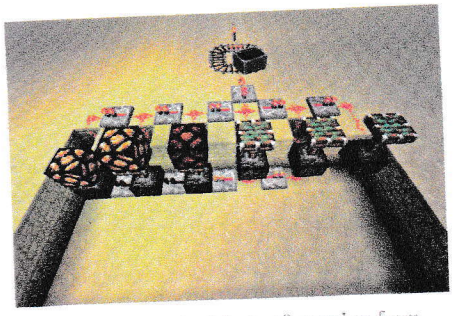

Fig. 1: Redstone dust "wires" running from the minecart clock activate the redstone lamps and sticky pistons.

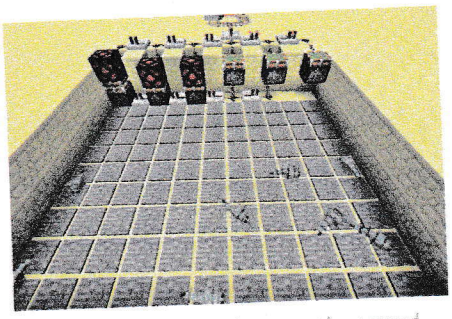

Fig. 2: Place pressure plates on the ground, then spawn silverfish to activate them.

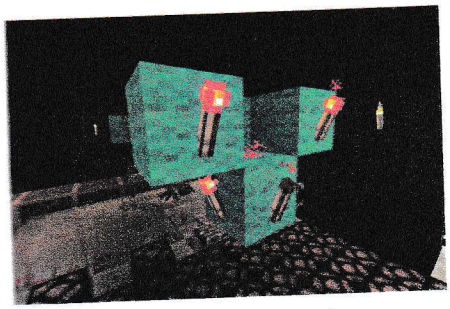

Fig. 3: The flashing redstone torches on the disco ball.

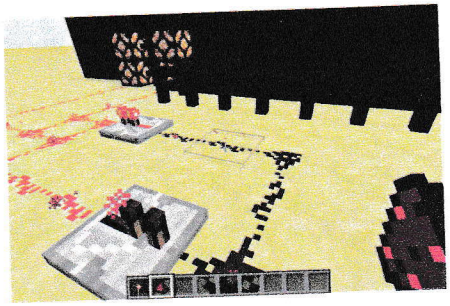

Fig. 4: We used another type of redstone clock to light up the entryway.

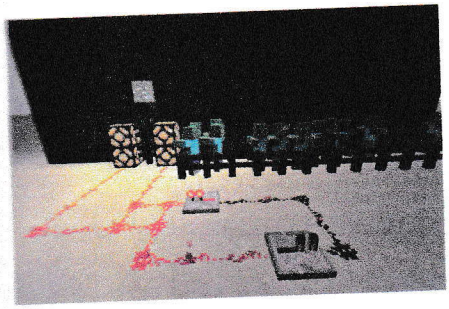

Fig. 5: Zombie guests queuing up to enter the dance party.

MORE TO EXPLORE

There are literally dozens of other ways to create a party in Minecraft. Have fun improvising!

- We were inspired to create a zombie party, but you can invite any Minecraft character you like. Villagers look pretty funny with their arms crossed on the dance floor.
- What other party features could you include? How about a smoke machine? How can you add pyrotechnics to your party?
- How would your party be different in survival mode?
- What other mobs could you use to activate the pressure plates?

ONLINE RESOURCES

- Check out Jesper the End's Minecraft disco party: *https://youtu.be/MLAoWvR4d80*
- Here's a YouTube playlist to help inspire you: *https://goo.gl/nHMWpY*