Bloxels

Difficulty Rating: Moderate

Overview: Bloxels is a lesson in programming disguised as a chance to play video games in school! Using the app on the iPads and the Bloxel blocks students can create their own side-scroller video games.

Number of Students: We have enough Bloxel kits for 12 students, however if the class is larger than that they could work cooperatively in pairs.

Example Lesson (time: 40 minutes): Using the included booklet, have students follow along with you and create the tutorial game together. After you've finished, let them play games others have made around the world via the app, or continue their projects to make their own unique games.

For a longer unit that could last a week, you can have the students work in groups as a game studio. Groups will need to plan out their hero, enemies, layout, and story as well as decide how to divide up the workload to meet their deadline. A good tie in for inspiration for their stories would be recent units from social studies or language arts.