

## NC Middle School Teacher K-12 Teaching in a Virtual World

### Issue

Taylor Stewart, a math teacher in a North Carolina middle school, proposed the problem of not being able to fully interact with her students within the current virtual learning environment. She quickly found that existing video conferencing wasn't built with teaching in mind and her LMS wasn't enough on its own. Not wanting to rely solely on worksheets and Youtube she needed a single solution that allowed her to interact with her class like she can in her physical classroom.

### Background

With the rise in virtual learning teachers have had to completely redefine how they teach their classes. This has created multiple issues as teachers attempt to recreate the learning environment of the classroom over the internet. Schools are having to turn to existing video conferencing software to keep in touch with their students and have found it lacking in many areas. This lack seems to stem primarily from the fact that no solution was built specifically with teaching in mind.

### StreamVu Ed Solution

StreamVu's solution was simple, create a virtual classroom environment specifically for K-12. We took elements of in-person learning and merged it with our existing video platform to create **StreamVu Ed's Virtual Classroom**. The Virtual Classroom has live video with input options of the teacher's camera, computer screen for screen sharing, and a fully interactive digital whiteboard. Class sessions can be recorded and shared or downloaded as learning assets for students unable to attend live. The classroom is built with student safety in mind, no unsupervised student interaction is allowed and no student images are captured or shared. Other features include SSO integration, real-time chat, unlimited class time, unlimited storage, a personal teacher page, recording bookmarking and captioning, session reporting, and more.

### Implementation

StreamVu Ed's Virtual Classroom is built into the existing StreamVu Ed platform and requires no hardware. This means no installation is needed to implement this solution and teachers can start using the system immediately. Teachers have a dedicated classroom URL that students can always access, no meeting ids or sharing new links every day. All students need to access their teacher's classroom is an internet connected device.

### Result

Per Mrs. Stewart the StreamVu Ed Virtual Classroom implementation was turnkey and she was able to use it immediately. She added, "StreamVu Ed gives me the ability to do what I love to do, teach."