The goal of The Virtual Kids’ Tech University is to improve science literacy in the STEM workforce of tomorrow. The Virtual Kids’ Tech University targets students at a critical point in their education where they may be intimidated by science and introduces them to a variety of fields through interactive modules and lessons online. Throughout the past six weeks, our group has been developing online science curriculum under an NSF grant that can be applied both in and out of the classroom. The modules include lessons on cells, the scientific method, and queueing theory: application of the scientific method. These modules are designed to cover the Virginia Standards of Learning and Common Core Curriculum and thus be integrative with the teachers’ syllabi.