

8 - UGFN animated – flipped classroom with whiteboard animations

Tools / Services	Pedagogical Uses
<p>The illustrations and graphics were designed by the team members and a freelance artist using Adobe® Creative Cloud™, Wacom Pen Tablet, Intuos Draw Pen Medium, and Moleskine Smart Writing Set. Whiteboard animations were created using Sparkol VideoScribe. Voice-overs were recorded in-house using RØDE USB microphone or at the studio in ELITE Center. Background music was purchased from AudioBlocks.com. The animations were edited with CyberLink PowerDirector 13.</p>	<p>Two micro-modules were developed to flip the classroom of UGFN1000 In Dialogue with Nature by using short whiteboard animations. Students were encouraged to watch the whiteboard animations to acquire the prerequisite knowledge and clarify conceptions before attending tutorial classes. Hence, more time could be spent for in-depth discussion of the cross-text central issues in the interactive tutorial classes.</p>