

# The Blended Learning Institute Middle School Computer Science Track

We strive to support teachers and build their capacity through an ongoing and comprehensive learning path. Our blended model embraces the importance of in-person cooperative workshops and leverages online components to provide ongoing community support when teachers are in the classroom.

 = online learning       = in-person workshop

Dates	What	Description
May– June 2015	Phase 1: Online Preparation	Introductory videos and guided tutorials through which teachers build background knowledge in computer modeling and simulation and progress through a guided tour of the modeling environment.
August 2015	Phase 2: Core Workshops	<p><b>August 10<sup>th</sup>-12<sup>th</sup>:</b> In-person workshops through which teachers experience modules as learners in a group setting, learn and practice pedagogy for teaching computer modeling and simulation, and create a professional learning community.</p> <p><b>August 13<sup>th</sup>-14<sup>th</sup>:</b> Two-day deep dive into blended learning. Participants will explore online tools and develop foundational skills that support teaching in a blended classroom environment.</p>
September 2015 – June 2016	Phase 3: Ongoing job- embedded support	<p>Online discussions, webinars, and tutorials through which teachers:</p> <ul style="list-style-type: none"> <li>○ Discuss implementation successes and barriers.</li> <li>○ Assess and share evidence of student learning.</li> <li>○ View video tutorials demonstrating activities that augment and reinforce learning.</li> </ul>
September 2015 – February 2016	Phase 3: Ongoing job- embedded support	<p>One-day in person mini-workshops at the start of each semester at which teachers prepare for the implementation of the modules, practice leading the activities, and review best practices for integrating modeling and simulation into STEM classes.</p> <p><b>Workshop Dates:</b></p> <ul style="list-style-type: none"> <li>• October 3, 2015</li> <li>• February 6, 2016</li> </ul>