

Fall Semester Technology Sessions

for Rural Teacher Corps and New Teachers.

**November, 10 @ 4:00 PM**

**Computational Thinking in the Curriculum**

**Led by Brian Bates, Illinois Learning Tech Center and Mark Waelde, Sullivan District Tech Director**

****Computational thinking involves logic, problem-solving, backwards planning, and other thinking skills; Skills integral to all academic and professional disciplines.It involves logic, problem-solving, backwards planning, and other thinking skills. It becomes part of their cognitive toolkit. The brain builds on the vocabulary and syntax. When computational thinking is used in the classroom, it helps students develop problem-solving skills. Each computational thinking task becomes a tool stored away for later use, a part of a larger cognitive toolkit. When children develop computational skills they are able to articulate a problem and think logically. It helps them to break down the issues at hand and predict what may happen in the future.

Computational Thinknig integrates into every lesson. It can begin as young as 5 years old. Just like learning a language its easiest when young. Ideally it is part of an integrated program across the all grades. The Rural School Initiative is part of a group exploring a regional computational thinking consortium. Schools with existing programs will share their experience.

.**GYO Technology Sessions**

 Time: **4:00 PM C.T.**
Certificate of attendance and 1 CPDH available upon request

**Join via Zoom Link:** [https://eiu.zoom.us/j/99178853650?pwd=bGlSTWJ6QWNNY0FoMXBRbkthcUhSdz09](https://www.google.com/url?q=https%3A%2F%2Feiu.zoom.us%2Fj%2F99178853650%3Fpwd%3DbGlSTWJ6QWNNY0FoMXBRbkthcUhSdz09&sa=D&ust=1636938187888000&usg=AOvVaw0GreENBYTSe83iI93wMMr0)