The Maine Education Policy Research Institute developed the following Classroom Lesson Technology Use Observation Tool to evaluate the quality of technology use in classrooms in Maine middle schools. It was designed to understand how teachers are using technology in their instruction by observing technology use in their classroom. The tool focuses on noting the frequency of use of technology in a classroom, how technology is integrated in a lesson, and if students are participating in that lesson. To help understand the impacts of technology it is recommended that the user become familiar with Blooms Taxonomy and the Substitution, Adaptation, Modification, and Recreation (SAMR) model located on our website.

To provide reliability of results, the following directions were developed. The goal of the directions is to provide a consistent process to gather data that allows for comparisons between and within classrooms and over time.

**Step-by-step directions to use the Classroom Lesson Technology Use Observation Tool:**

- Make arrangements with a teacher to observe a technology lesson.
- Download and modify the observation tool to align with the class time frame.
- Print out the Classroom Lesson Technology Use Observation Template. Start the observation at the beginning of the technology lesson and continue until end of the technology lesson.
- Using the Template, every ten minutes collect information on: The lesson, The technology utilized, Other materials used, Who is using the technology, Student engagement level, SAMR level of technology, Bloom level of the lesson.
Observation – Classroom Lesson Technology Use - Template

Class/Content Area & Lesson Description:

<table>
<thead>
<tr>
<th>Lesson Description</th>
<th>Technology Utilized (hardware and software)</th>
<th>Other Materials Utilized</th>
<th>Student engagement: 0-51%</th>
<th>SAMR level: Substitution</th>
<th>Blooms: Rem/Under</th>
<th>Time</th>
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Student engagement:
- 0-51%
- 51-75%
- 76-90%
- 91-100%

SAMR level:
- Substitution
- Adaptation
- Modification
- Redefinition

Blooms:
- Rem/Under
- Apply
- Analyze/ Eval
- Create

Time:
- 10 Min
- 20 Min
- 30 Min
- 40 Min
- 50 Min