



TIM: Goal-Directed Learning

This table contains the extended descriptors for Goal-Directed Learning on the Technology Integration Matrix (TIM).

The Goal-Directed characteristic describes the ways in which technology is used to set goals, plan activities, monitor progress, and evaluate results. This characteristic focuses on the extent to which technology facilitates, enables, or supports meaningful reflection and metacognition. Descriptors for typical student activity, teacher activity, and instructional settings for Goal-Directed learning are provided below.

| Goal-Directed Learning <i>at the</i> ENTRY LEVEL | Goal-Directed Learning <i>at the</i> ADOPTION LEVEL | Goal-Directed Learning <i>at the</i> ADAPTATION LEVEL | Goal-Directed Learning <i>at the</i> INFUSION LEVEL | Goal-Directed Learning <i>at the</i> TRANSFORMATION LEVEL |
|---|---|---|--|--|
| <p>Directions given; step-by-step task monitoring</p> <p>Students. Students may receive directions, guidance, and/or feedback via technology.</p> <p>Teacher. The teacher gives students directions and monitors step-by-step completion of tasks. The teacher sets goals for students and monitors their progress.</p> <p>Setting. The setting may include technology tools that allow students to demonstrate skill development and allow tracking of student progress across levels.</p> | <p>Conventional and procedural use of tools to plan or monitor</p> <p>Students. Students follow procedural instructions to use technology in conventional ways to set goals, plan, monitor, evaluate, or reflect upon an activity.</p> <p>Teacher. The teacher directs students step by step in the conventional use of technology tools to set goals, plan, monitor, evaluate an activity, or reflect upon learning activities.</p> <p>Setting. The setting includes access to some teacher-selected technology tools that allow students to set goals, plan, monitor, evaluate, or reflect upon their work.</p> | <p>Purposeful use of tools to plan and monitor; some student choice and exploration</p> <p>Students. Students independently use technology to set goals, plan, monitor, evaluate, and reflect upon specific activities. Students explore the use of the technology tools for these purposes.</p> <p>Teacher. The teacher selects the technology tools and clearly integrates them into the lesson. The teacher facilitates students' independent use of the technology tools to set goals, plan, monitor progress, evaluate outcomes, and reflect upon learning activities. The teacher may provide guidance in breaking down tasks.</p> <p>Setting. The setting includes access to a variety of technology tools, allowing students some choice in how they set goals, plan, monitor, evaluate, and reflect upon their work.</p> | <p>Flexible and seamless use of technology tools to plan and monitor</p> <p>Students. Students regularly use technology independently to set goals, plan activities, monitor progress, evaluate results, and reflect upon learning activities. The students may choose from a variety of technologies when working on self-directed goals.</p> <p>Teacher. The teacher creates a learning context in which students regularly use technology tools to set goals, plan, monitor, evaluate outcomes, and reflect upon learning activities. The teacher facilitates students' choice and independent use of technology tools to accomplish these tasks.</p> <p>Setting. The setting includes a rich variety of technology tools to allow students many choices in how they set goals, plan, monitor, evaluate, and reflect upon their work.</p> | <p>Extensive and higher-order use to tools to plan and monitor</p> <p>Students. Students engage in ongoing metacognitive activities, and work on self-directed goals, at a level only possible with the support of technology. Students are empowered to extend the use of technology tools and have greater ownership and responsibility for learning.</p> <p>Teacher. The teacher creates a rich learning environment in which students regularly engage in higher-order planning, monitoring, evaluative, and reflective activities that may be impossible to achieve without technology. The teacher sets a context in which students are encouraged to use technology tools in innovative ways to direct and reflect on their own learning.</p> <p>Setting. The setting includes robust access to a rich variety of technology tools and online resources to allow students many choices in how they independently set goals, plan, monitor, evaluate, and reflect upon their work.</p> |