



# Physics

## Effective Assessment

### First-Year Physics

#### Five Keys for Effective Assessment

	Purpose	Targets	Sound Design	Communication	Student Involvement
Novice	<p>Teacher uses summative assessments to inform students and parents of academic progress.</p> <p>Assessment <u>OF</u> Learning measures what students know; measures mastery of objectives.</p>	<p>Teacher has clear learning targets and understands the various types of learning targets.</p>	<p>Teacher correlates learning targets to assessment and identifies the cognitive level of assessment items.</p>	<p>Teacher communicates assessment results with students and parents.</p>	<p>Teacher makes learning targets clear to students.</p>
Intermediate	<p>Teacher uses formative assessments to quickly evaluate academic progress for both the teacher and student.</p> <p>Assessment <u>FOR</u> Learning provides the teacher with feedback to make adjustments in instruction.</p>	<ul style="list-style-type: none"> <li>• Teacher identifies and focuses on the most important targets</li> <li>• Teacher understands the various types of learning targets.</li> </ul>	<p>Teacher writes assessment questions at the familiar level to assess the targets.</p>	<p>Teacher evaluates assessment results and adjusts teaching accordingly.</p>	<p>Teacher involves students in assessing, tracking and setting goals for their own learning.</p>
Advance	<p>Teacher has a comprehensive plan over time for integrating formative and summative assessments across the entire curriculum</p> <p>Assessment <u>AS</u> Learning provide the student with feedback to allow the student to manage their learning.</p>	<p>Teacher has a comprehensive plan over time for assessing learning targets across the entire curriculum.</p>	<p>Teacher writes assessment questions at the unfamiliar level to assess the targets.</p>	<p>Teacher communicates assessment results to colleagues and the team evaluates and adjusts curriculum accordingly.</p>	<p>Teacher involves students in communicating about their own learning.</p>

**Resources** - Types of Targets - <http://www.curriculet.com/blog/wp-content/uploads/Blooms-Taxonomy.png>