

SGO Step 3, Form 1 Set Ambitious and Feasible Student Growth Objectives

Student Growth Objective Form (General)

Grade:	Subject	Number of Students	Interval of Instruction	
9-12	Architecture/ PLTW Engineering	65	Full year <input type="checkbox"/> Semester <input type="checkbox"/> Other _____	
Name of Assessment	Department Developed Independent Problem Solving Rubric	SGO Type	General X Specific <input type="checkbox"/>	
Rationale for Student Growth Objective (Please include content standards covered and explanation of assessment method.)				
<p>This SGO covers all of my students in and applies to: NJCCCS 8.2.12.B.1, 2, and 3; NJCCCS 8.2.12.F.3; NJCCCS 4.5A; CCSS.ELA-Literacy.RST.11-12.7</p> <p>Practical: Students are assessed on 2-3 initial design challenges early in the year and 2-3 later in the year. I will assesses their problem solving ability and give them a score based on the rubric. There are five categories that students are evaluated on that align with the technological design loop steps. Each category has a score range of 0 to 4. Students can earn a total of 20 points for each problem solving challenge. Results on the 2-3 initial design challenges are compared to those on the later ones. The initial design challenges will begin after the design process is taught early in the school year so the students will be familiar with the categories that they are being assessed on.</p> <p>Written: Along with the practical evaluation, students will also submit a written report for each project that documents their thought process following the design process. This will be evaluated in conjunction with the practical portion on a similar 20 point rubric, part of which addresses common core state standards for literacy.</p>				
Student Growth Objective				
At least 70% of my students will increase their score by 40% or more based on the in the independent problem solving rubric.				
Baseline Data (Please include what you know about your students' performance/skills/achievement levels at the beginning of the year, as well as any additional student data or background information used in setting your objective.)				
Average scores from two separate design challenges completed before October 15 th using the problem solving rubrics (practical and written)				
Scoring Plan				
Objective Attainment Level Based on Percent and Number of Students Achieving Target Score				
Target Score	Exceptional (4)	Full (3)	Partial (2)	Insufficient (1)
40% growth	85% or greater of students (56 or more)	70%-84% of students (45-55)	55%-69% of students (36-44)	0%-54% of students (35 or fewer)
Approval of Student Growth Objective				
Teacher _____ Signature _____		Date Submitted _____		
Evaluator _____ Signature _____		Date Approved _____		

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Results of Student Growth Objective (State how many students met the final assessment target.)		
	Score _____ Date _____	Teacher _____ Evaluator _____

SAMPLE