

Figure 7.1: Project Elements for Teacher Reflection

	Focus	Key Considerations
Content	Amount	<ul style="list-style-type: none"> • Teacher given? • Student driven?
	Delivery	<ul style="list-style-type: none"> • Lecture • Resources • Activities
	Connections	<ul style="list-style-type: none"> • Were the connections clear? • Were the connections made?
	Understanding	<ul style="list-style-type: none"> • Was student learning evident? • Are there points that need clarification or amplification?
Process and Skills	Design Challenge	<ul style="list-style-type: none"> • Did you clearly state the challenge and did students understand it? • Were there too many or too few constraints? • Were students able to define and meet the criteria? • Was the planning manageable for students?
	Creativity and Divergent Thinking	<ul style="list-style-type: none"> • Was the brainstorming enough and evident? • Did the brainstorming leave room for original thought? • Was the value of brainstorming evident in the project's other phases?
	Building Prototypes	<ul style="list-style-type: none"> • Was it a collaborative effort? • Did everyone have enough to be busy? • Was testing effective? • Does the testing procedure work? • Did you allow modifying? Were the modifications effective?
	Final Deliverables	<ul style="list-style-type: none"> • Did the prototypes turn out as expected? • Was the build too difficult? • Was the process documentation enough? Too much? • Was the presentation format effective?

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Logistics	Time	<ul style="list-style-type: none"> • Did you allot enough time for the overall project? • Did the specific steps take longer (or less time) than expected?
	Groups	<ul style="list-style-type: none"> • Were groups the right size? • Did groups have the right composition? • Were the jobs the correct ones for the project? • Did the group have any management issues?
	Materials	<ul style="list-style-type: none"> • Consider the consumable materials. Did you need more of anything? What went unused? • Did groups plan and use reusable supplies (tools, scissors, and so on) correctly?
	Assessment	<ul style="list-style-type: none"> • Did you conduct sufficient formative assessments? Summative assessments? • Was the allocation of group and individual assessments appropriate? • Were the assessments manageable? • Did the assessments reflect student learning?