

Project Planner & Management

Planner

Project Title: *eDragster Proto-1*

Person/Team: *Dr.D's #1 Prototyper Team*

Date: 4-6-22

Steps

1	Identify the project tasks that need to be done. List these tasks in sequence, considering which of those need to be completed before others can start..												
2	Add the time to complete each task. Select a scale, or define your own, and estimate duration (d) for each.												
3	<div>Develop timeline. Identify tasks that can be done simultaneously. More than one person is required.</div> <div><table><tr><td>Build/Test Tube Frame</td><td>3</td><td><div><div></div><div></div><div></div></div></td></tr><tr><td>Build/Test Control Circuit</td><td>4</td><td><div><div></div><div></div><div></div><div></div></div></td></tr></table></div> <div><div>And those tasks that are dependent on the completion of another task, must be done in sequence.</div><div><table><tr><td>Build/Test Control Circuit</td><td>4</td><td><div><div></div><div></div><div></div><div></div></div></td></tr><tr><td>Assemble Rover</td><td>2</td><td><div><div></div><div></div></div></td></tr></table></div></div>	Build/Test Tube Frame	3	<div><div></div><div></div><div></div></div>	Build/Test Control Circuit	4	<div><div></div><div></div><div></div><div></div></div>	Build/Test Control Circuit	4	<div><div></div><div></div><div></div><div></div></div>	Assemble Rover	2	<div><div></div><div></div></div>
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4	Assign Person/Team to each task.												

		Scale																		
		Time Sequence (Hour / Day / Week Class Period)																		
Task	d	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Assigned Person/Group
Brainstorm Designs	1	<div></div>																		#1 Proto Team
		<div></div>																		
Simulate/ Analyze Options	1	<div></div>	<div></div>																	#1 Proto Team
		<div></div>	<div></div>																	
Finalize Design/ DRWS	1			<div></div>	<div></div>															#1 Proto Team
				<div></div>	<div></div>															
Complete Build Planner	2				<div></div>	<div></div>														#1 Proto Team
					<div></div>	<div></div>														
Build/ Test Subsystems	2						<div></div>	<div></div>												#1 Proto Team
							<div></div>	<div></div>												
Assemble cDragster	1								<div></div>	<div></div>										#1 Proto Team
									<div></div>	<div></div>										
Field Test	1									<div></div>	<div></div>									#1 Proto Team
										<div></div>	<div></div>									
Report	1										<div></div>	<div></div>								#1 Proto Team
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5	Monitor/Update Gantt Chart: Track predicted vs actual task completion. Use this knowledge to improve future planning.										