Cit. ation.	
Situation:	create a device to rescue a puppy trapped in a sewer
	cted that you will only have 3 min. to use your device
to save the puppy.	cted that you will only have 3 min. to use your device
to save the puppy.	
Notes:	Questions for the client:
Notes.	Questions for the cheft.
Define the problem:	
	bout this individually first and then agree upon one
definition as a team.	

Specification Chart – A list of all specifications or requirements that need to be met for a successful design/solution with justification and relative weighted importance.

Specification	Weight Scale:	Justification

Background Research

Things to think about:

- What kinds of materials and resources do you have?
- What are the measurements (distances, weights, etc.) of key elements of the problem?
- What are the limiting factors of the problem?

How would you do this yourself (without the limitations)? How can you relate that to what you have to work with?

Brainstorming

		—

Brainstorming Continued

2) Write down the detailed step-by-step process to your solution. This is the process to actually carry out the solution/how to use your prototype (not the process to create your prototype). Do this individually first before you share with the group.

Pugh Chart	Scale:	S	olution A	Solution B			
			Weighted		Weighted		
Specification	Weight	Score	Score	Score	Score		
Example	w1	а	w1 x a	b	w1 x b		
	•						
	Т	otals					

Test and Improve

1) Were you able to save the puppy with your prototype? (Did it work?)
2) What parts worked well? Why do you think that is?
3) What parts did not work so well? Why do you think that happened?
1) How would you change your prototype/process to improve its performance?

Gantt Chart

Cantt Chart		1		ĺ					ĺ	ĺ	1
Task	Person/Group	Amount of time	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM