

Directions: Use this worksheet to ensure you complete every step in the Design Process. Use the spaces provided to show your work. Please make sure you answer in complete sentences, grammar is used correctly, and your answers are thoughtful.

Name:
Foundations in Computer Science

Section:
Hackathon Game

DISCOVER STAGE	<i>Write your responses in these blocks.</i>	
What do you know about creating a program in scratch?		
What do you need to know about the scratch application?		
What resources are you using to get the information that you need?		

DEFINE STAGE	<i>Write your responses in these blocks.</i>	
What is the problem?		
What are the requirements?		
What are the constraints?		
What are the components needed to create your program?		

DESIGN STAGE	<i>Write your responses in these blocks.</i>	
Create at least the two (2) different storyboards/scripts from your ideas <ul style="list-style-type: none"> ● List the things that are good about this design. ● List the things that are not so good about this design. ● Add an image for the 		

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storyboard design		
<p>Based on the information you have provided above,</p> <ul style="list-style-type: none"> • Which design is most likely to be successful? • What factor was the most important in helping you decide? 		

DEVELOP STAGE	<i>Write your responses in these blocks.</i>	
List the materials and supplies you will need for your designs.		
Write any problems you have and any changes you made to your designs and why.		

DELIVER STAGE	<i>Write your responses in these blocks.</i>	
<p>Does your designs meet the requirements? Compare your design to the requirements you listed in <i>discover stage</i>. Does it meet all of the requirements? If not, what didn't it meet and why not?</p>		
<p>Does it meet constraints? Compare your design to the constraints you listed in <i>define stage</i>. Does it meet all of the constraints? If not, what didn't it meet and why not?</p>		

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What changes could you have made to improve your design?	