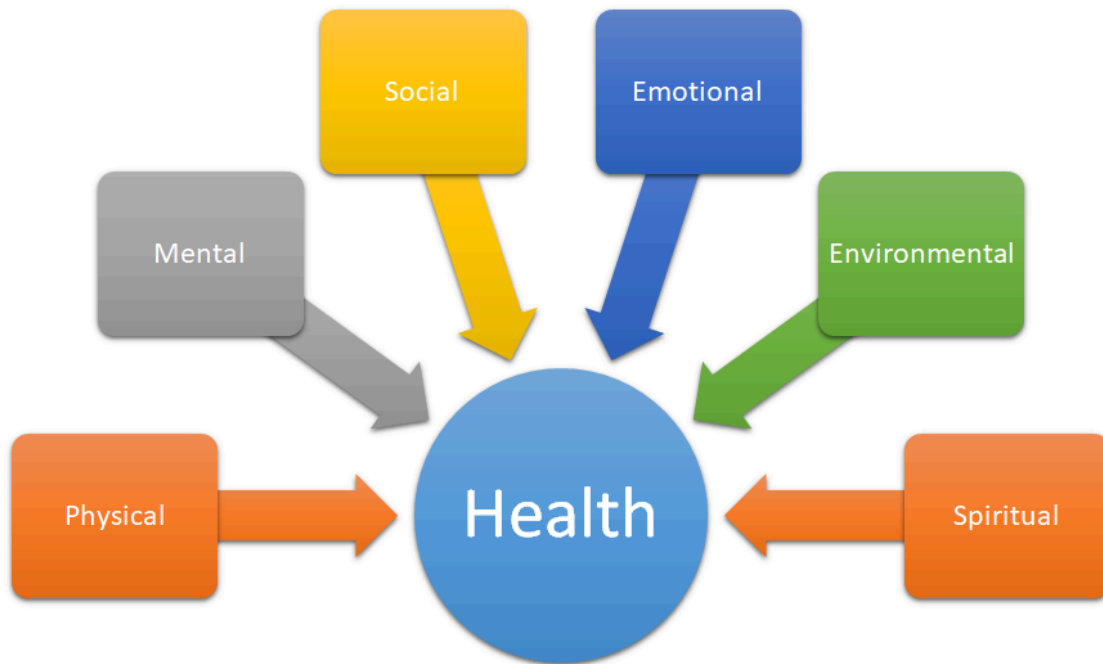


Technology Education - Computer Science Innovation Challenge

Pasadena Academy is looking to hire a technology company that can help its students stay healthy. In order to find out which company would be the best to hire, they are holding a competition to find out which idea is worth investing in. To compete in the competition, they are asking each company to not only come up with an idea but to develop a prototype to be showcased as they pitch their idea to the judges.

Different Components of Health



Note:

Design Portfolios need to be completed in Google Slides and submitted via google classroom.
See the Rubric below on P.2

Rubric - Computer Science 8 - Innovation Challenge

Name: _____

Criteria	Notes	Value	Mark
Design Portfolio			
Title Slide <ul style="list-style-type: none"> Name of Product Team Name 		/2	
Design Team Slide <ul style="list-style-type: none"> Picture of Team List members List the main job of each member 		/3	
Design Brief <ul style="list-style-type: none"> Explain what problem you are trying to solve and who you are trying to solve it for 		/2	
Research <ul style="list-style-type: none"> Is this idea original Are there similar products already available? If so how is yours better? Include information, pictures, and websites that helped you create your prototype 		/4	
Generate Options <ul style="list-style-type: none"> Come up with 3 possible solutions Explain each of them 		/3	
Best Option <ul style="list-style-type: none"> Which option did you choose? Why is it the best? 		/2	
Worklog <ul style="list-style-type: none"> This is basically a journal Explain what you did each day while working on the design project. Should include some pictures of your code, work completed in the shop etc. 		/3	
Evaluation of Solution <ul style="list-style-type: none"> Explain what you like about your solution Explain ways you would improve it in the future 		/2	
Presentation of the project <ul style="list-style-type: none"> Organized Has a speaking part Speaks to the class clearly 		/3	
Teamwork/Cooperation <ul style="list-style-type: none"> Displayed a positive attitude Shared ideas and the work Showed respect to everyone in the classroom Was able to work through disagreements 		/6	
Prototype <ul style="list-style-type: none"> Meets the goal of helping students stay healthy Uses at least one internal sensor of the micro:bit or an external sensor. Has an output of some sort. Works reliably Is aesthetically pleasing/constructed well. 		/10	

Total = /40