

Free Response

2a. My computing innovation is a bladeless fan. Its function is to cool the user so that they won't get hot. Its purpose is to create a better flow of air to you that a regular fan would. It also has a nice design so that it gives a statement of fanciness in the household. My artifact shows the function of the bladeless fan by showing how the air is produced and enhanced once it passes through certain mechanisms in the fan.

2b. I used a website called Canva to create my artifact. What I did to create my artifact was to get a dark blue background with a shine in the middle. Then I made a title text box and put the name of what my artifact was based on which was the bladeless fan. Then I put a subheading text box and typed in "How it Works." After that was done, I uploaded an image of a bladeless fan onto the website so that I would be able to place the image on the poster. Then on the website's search bar, I searched for arrows so that they may represent the air. But then realized that it wasn't good for sharing to Orkney. So then I got the general idea of my Canva artifact and then transferred it to Google Draw. Since there was no crop option, I inserted a rectangle shape and set the color exactly the same as the background so that it gives the allusion of a crop. Then in order to cover up more space so that there is no empty space, I increased the size of the image.

2c. A beneficial effect of the bladeless fan would be that it has a better cooling effect on the person who is using it. There is really no negative effect because it fixes the dangers of a normal fan. It is easier to clean, it has no blades, and it is easy to use. You could say that it is now more child friendly since the blades aren't there to make a child curious to put their hand there. Then the design of the fan makes it look futuristic which would capture the attention of the people. Compared to the regular fan, it poses no dangers. The normal fan has blades that rotate fast that is clearly visible to a child. This would catch the child's attention and tempt them to touching the rotating blades. Then the child would suffer the pain that he experienced that could have been avoided if the fan did not have blades.

2d. The data that the bladeless fan would mostly use is mainly the ability to detect whether it is powered on or not. It does everything else automatically unless settings are changed. It comes with a cool or hot function. The only requirement for function is electricity so that it can be turned on and actually work. For rotation functionality, it detects when it hits a certain angle or stopping point and then starts going the opposite direction and then repeats this process.

2e. <https://www.bestbladelessfans.com/bladeless-fan-pros/>

<http://bladelessfansreviews.com/>

<http://whatfans.com/dyson-bladeless-fan-review/>