

# **Product Proposal**

## ***Introduction and Statement of Purpose***

The product which I plan to complete this year in ISM is a type of asthma education program/class which I started researching for my original work and to explore the implementation of this product in a place such as a school. This tool is meant to help children who struggle with asthma, specifically targeting those who don't have proper access to health services or come from families of low economic status. The main goal of this class is to increase asthma education so that more people are aware of the signs and symptoms of asthma. It should also serve as a way that parents can see whether their child has asthma or not, as that is a large issue with the illness. I am applying the skills that I've learned to complete this product, it requires a large amount of synthesis of information as I am going to combine my knowledge of asthma, implement a product, and increase education. By taking all this data and combining it into my final product, it'll serve as a way to continue what I did previously from my original work and expand it to be broader and help a wider audience.

## ***Review of Skills and Research***

One research topic that has been extremely beneficial is all of the knowledge that I gained on asthma basics. Without knowing the base content of the subject, I wouldn't be able to create higher-level claims on the illness and be able to make an educational class. Another research topic that I think was crucial to my asthma kit was knowledge of treatment and which options would be the best for children from different economic standpoints. I had to look at treatments to see what was non-drug-related as I can't promote specific drugs or place any in my program but rather suggestions to go see healthcare professionals and ideas of how to control triggers. Some research topics that will be crucial to completing my final product are learning how to make a curriculum and how to implement that into a model city. Also, I will need to research how I would need to implement a class needed to distribute my product and factor in things such as the cost of materials. Potentially, I would also need to look into things such as Covid restrictions, depending on what the time period of implementation will be. I would also need to research the best educational strategies to use in order to teach children about asthma.

The skills that I have gained which were necessary to the creation of my product are research as so much of creating an educational program is based on accumulating research from different sources and placing it in a manner that is easily accessible to others. Being able to effectively gather information will be important to the completion of my product. Some of the expertise that I have and will need to expand on to complete my product include my knowledge of treatments, asthma management, and how asthma works. Some of the topics on which I will need to gain knowledge are mostly what my education program would contain, how much it would cost, and how to go about implementing it.

## ***Methodology***

### **- Materials**

The only material needed to create the plan for an asthma program is a laptop. As this is heavily research-based, keeping information online is the most organized way to go about the product.

## **- Description of Process and Procedures:**

I will first conduct research on my main topics, which include asthma education, asthma education techniques, costs, and how to implement a class. I will then create the curriculum for the program which is the main tool used to teach kids and their parents about the disease and will do research on many topics to give an overall view of how asthma functions. After that, I will place it all together to create my final asthma education program.

## ***Utilization of Higher-Level Thinking Skills***

Problem-solving is one of the skills which is necessary to use because I will definitely run into difficulties when taking on such a large project. I predict that my largest issue would be in regards to costs and also going along with both COVID guidelines and finding volunteers who would be interested in participating. There will also likely be other problems that I run into while completing my product that can't be anticipated now. If I don't implement these skills, then I will not be able to complete my final product as I would run into a dead end. Reasoning is also crucial for me to use because as something which will be implemented into the real world, it has to make sense and be something that can be achieved. Whenever I want to implement something into my education program, I must make sure that there won't be any complications in implementation. Especially with an educational program, I have to be able to predict how people will react to it and how I can make it effective. I will also have to use synthesis as I am combining research over a variety of topics in order to make one cohesive product. I have to be able to take research from both primary and secondary sources to draw conclusions and decide what is the best to include in this class.

## ***Conclusions***

Based on my previous research, my predicted outcome is that the children participating in the program are that children would have a better understanding of how to manage their asthma and have a higher chance of being able to manage an asthma attack. In the real world, it will serve as a way to help low rates of asthma education and help children in a time when asthma rates are rising. It will likely reach a small community of people from a concentrated area but can be implemented multiple times to reach a larger audience. I will hope that it can target disadvantaged kids and reach a large community of people. My goal for this product is that it will help people take control of an illness that can be managed with the right tools.