

Objective A: planning

My personal project is about how a combustion engine works. I have always had an interest in everything with an engine since I was a little kid. Especially dirt bikes and cars. I like the noise, vibration and the adrenaline it gives and also working on them.

My goal was to be able to inform other people about how an engine works and that by the time I'm done with my speech, they would then know how an engine works. It is both interesting and good to know in case of an engine problem.

My plan for achieving and finishing my personal project was that I had a good schedule, goals and I was determined to work on it. The reason being was because I was actually interested in it, of course I would still finish it even though I wouldn't be as interested in it.



My interest that lead to do this project about being, about how a car engine works are because I like

- Dirt bikes
- Cars
- Buggy
- Quads
- Vespas

(And pretty much anything that has an engine interests me).

My product was a car engine model which I bought from Amazon. It took me a long time to finish the car model, it took 3/4.5 hours just to complete that. It took a lot of patience because I had to put really small parts together with tiny screws so it was a challenge. I did however enjoy it because it's almost working like in a real car. The reason why I picked an engine model is for better understanding of what I am talking about even though I will also have a slide show for the different parts I am going to show to the audience. I also have some other engine parts like the spark plug, head and valves which are from my vespa.



Objective B: Applying skills

In my project there were a lot of approaches to learning used.

- Critical thinking
- Creative thinking
- Reflection
- Thinker
- Research
- Perform

Creative thinking done in order to keep it fun, interesting and simple. That goes with the engine model that I had to build for 3/4.5 hour and with the information I will give out. I know that people are not going to know some of the parts I am going to name so that's why I made slides with an image of the parts I will be talking about.

To find solutions to problems you need to be creative.

Critical thinking, I used when writing down the information used to explain how an engine works so that it would sound good but yet simple enough for the average person to understand. The reason being is because some things are hard to understand.

Research, I did and have done in the past a lot of research to make sure that I got everything right and nothing was wrong. It helped me a lot to make sure everything was on point.



Reflection thinking came in when I was riding down information the reason being is that it is important to have simple yet interesting information.

Research was done throughout the whole project. I had to double check every piece of information I wrote down. Research was one of the biggest help I got through the project.'

When I built the model engine I had to perform a lot of skills, for example patients, critical thinking and being creative, all these were used when building the model engine.

When I was done building the engine model I thought I was finally done but due to one part missing the whole engine wouldn't run to realise that I used critical and creative thinking, research, reflection and performing. So I had to take almost the whole engine apart just to put in that missing part so it would run right. It's funny to think that small parts have such a big impact on the engines.



Objective C: Reflection

I have to say doing this project definitely impacted my learning on engines. I definitely learned a few new things, even though I knew a lot about them , it really did expand my learning, more than I thought.

Overall I really enjoyed this project because we get to make a presentation about our hobbies or interests which we can grow more on and expand our knowledge and our learning.

My knowledge has improved since I did this project and i'm really glad it did



My product makes the presentation much more interesting and it targets my audience which lets my audience understand what I'm talking about. Though it may not be the most realistic or best model it still gets the job done.

My product also made me appreciate the project more because it's what I like doing. I like engines so it was nice building one from the ground up. Even though it got annoying sometimes.



My reflection is that I really enjoyed it and found it fun that I got to do a big project about something that I liked, I didn't run into too many problems with my engine model product.

All that covers my report.

