

تعرف الطلاب على النتائج الخطرة للمعرفة و الإختراع خلال قراءتهم لمسرحية فرانكنشتاين. إستكشف الطلاب طرق لاختراع شيء من شأنه أن يساعد البشرية ماخذين بعين الإعتبار النتائج الأخلاقيةوالعاطفية والبدنية. بدأوا في التفكير في الاختراعات التي يمكن أن تضر أو تفيد البشرية. قرر البعض منهم البحث في مثل هذه الاختراعات من أجل تأييد البدائل بينما فكر آخرون في إنشاء ألعاب تتعلق بالأمر نفسه كطريقة لإجراء الخدمة غير المباشرة. كان المحتوى والسياق العالمي والابتكار العلمي والتقني للوحدة بمثابة قاعدة لاستكشاف الطلبة

نتائج التعلم:

- العمل بشكل تعاوني مع الآخرين.
- النظر في الآثار الأخلاقية لأفعالهم.

Service as action (Dangerous Inventions)

Fayeq Metwalli (Leader)

Fares Salahi (Editor)

Taym Buktash (Supporter)

Karam Sawaqed (Time Keeper)

Mayasa Zaatar (Writer)

Introduction

Type of Service	Outcome
Advocacy	<ul style="list-style-type: none">- Work collaboratively with others.- Consider the ethical implications of their actions.

Microwave Disadvantages

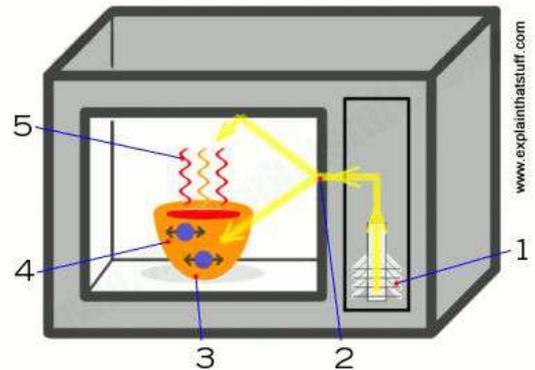
Normally, your cold food has a lot of healthy nutrients, but microwaves heats the nutrients leaving you with nothing but the stale and unhealthy food. Microwaves might be able to heat the foods, but harmful radiations remove what food provides for us, humans.



How Does the Microwave Heat?

'Inside the strong metal box, there is a microwave generator called a magnetron. When you start cooking, the magnetron takes electricity from the power outlet and converts it into high-powered radio waves.'
((How does a microwave oven work?))

The magnetron blasts these waves into the food compartment through a channel called a waveguide and this isn't good for our health.



Alternatives to *Microwaves*

An air fryer is a device that works the same way as a microwave, but it takes longer than a normal microwave. However, it doesn't use any harmful electrical power that ruins nutrients in food. It actually removes the harmful fats in your food, making it healthy.



Things You Should Never Put in Microwaves

- 1) Aluminium foil
- 2) Plastic bags and plastic containers
- 3) Hard boiled eggs
- 4) Hot peppers
- 5) Metal tools (spoons, forks, knives, etc)



Cigarettes

The first commercially available Cigarettes were available in 1865 by Washington Duke made on his 300 acre farm in North Carolina USA. He sold his cigarettes to Soldiers after the civil war. In the 40s and 50s studies began to take place linking smoking to lung cancer. For Instance in Britain in 1949.

(Nathanson,2020)

(Desk, 2020)a

Nicotine Alternatives

Prescription Nicotine in a nasal spray or inhaler
Nicotine damages your lungs and fills your exhale tube with nicotine

Nicotine patches ,Gum and lozenges



Process Journal

Fayeq: Green
Taym: Blue
Mayasa: Purple
Karam: Red
Fares: Orange

- 1) **What is the service?**
- 2) **Why did you choose?**
- 3) **How you felt throughout the whole process?**
- 4) **What obstacles you went through?**
- 5) **What are the obstacles you faced?**
- 6) **How did you overcome them?**

Answers (1)

Our service as action is to find harmful inventions and see alternatives to them. We talked about cigarettes and microwaves. It was fun, but we started fighting at the end because the document was lagging. And we went through a phase of fighting over ideas and the document was lagging which made it harder, but we figured it out. We couldn't get over the document would lag uncontrollably. and we would wait and invite each other back to the document until it worked.

The service is about raising awareness for bad inventions. We chose this because we thought it was interesting. We felt well but we had a few issues with not having access to the document. We overcame them by calling each other and seeing the problem and working as a team to stop the issue. Unfortunately I could not find proper Alternatives for smoking

The service is about raising awareness about bad inventions. We choose this because we saw that many people used microwaves and cigarettes and we will raise awareness about it. I think that the process was perfect. We called each others and planed for everything. Unfortunately I could not find proper Alternatives for smoking

Answers (2)

Our service is to warn people about using these dangerous inventions that we included which are microwaves and in this slide we included what to not place inside it and lots more, and in the cigarettes slide we included some info about it and how it harms our lungs. I felt kind of nervous if we can't open the slides and if we can't edit but it worked out at the end, for some reason, and the consequences I faced where that we weren't able to find a good website that had the info that we needed and yeah it worked out at the end.

The inventions we have included in our slides where a sign to people. The inventions were microwaves and cigarettes. These inventions are harmful and dangerous. I chose these because they were a bad invention for your health. But they were quite dangerous. I felt nervous and ok but at the same time proud of our work. We went through leaving the document, screaming fighting. We had to make a call to share ideas and information for each other.

Resources

1. How does a microwave oven work? (n.d.). Retrieved January 09, 2021, from <https://www.quora.com/How-does-a-microwave-oven-work>
2. Male nude History, General issues, Contemporary social practices, Depictions of nudity, The Free Encyclopedia. (n.d.). Retrieved January 09, 2021, from https://www.mobilewiki.org/en/Male_nude-0620604664
3. New York Magazine. (n.d.). Retrieved January 09, 2021, from <https://nymag.com/>
4. Plastic Bag Isolated. (n.d.). Retrieved from https://www.123rf.com/photo_105459800_plastic-bag-isolated.html
5. Power XL Vortex Air Fryer- 3qt - Black. (n.d.). Retrieved January 09, 2021, from <https://www.target.com/p/power-xl-vortex-air-fryer-3qt-black/-/A-76544201>
6. What does nicotine do to your heart? (n.d.). Retrieved January 09, 2021, from <https://answernew.com/question/56276-what-does-nicotine-do-to-your-heart>
7. Woodford, C. (2020, August 31). Microwave ovens: How do they work? Retrieved January 09, 2021, from <https://www.explainthatstuff.com/microwaveovens.html>

Service as action

Objective: write an essay talking about bad inventions.

Method: by researching and collecting information

Roles and responsibilities:

Mohammad Al Deri (Speaker)

Makeen Malhas (Time keeper)

Natalie Al Turk (Judge)

Daniel Asmar (Leader)

Malak Al Deri (Writer)

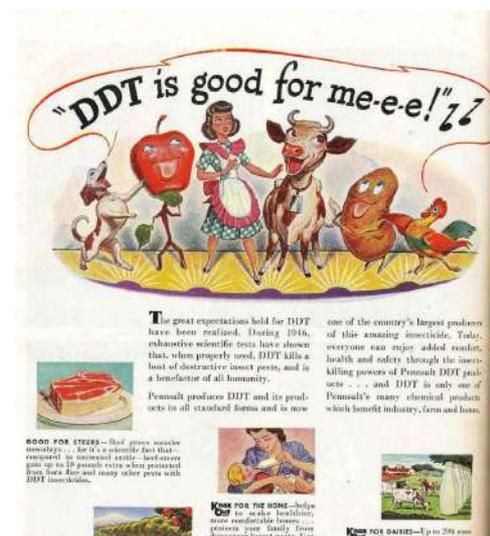
There are many inventions humanity uses in their daily life, like the oven, the computer or the fridge. Things they use everyday may be dangerous, but why do we buy dangerous inventions?

An example to that is DDT scientific name is dichloro-diphenyl-trichloroethane, is a substance used in gardening and crops, they aren't used as much as before, but the dark truth about it is that it can give symptoms such as vomiting, seizures etc. it can also lead to death to small animals such as birds and other creatures.

- Malak

On a more used invention, the microwave can be harmful to the human tissue and can cause eye cataract due to its harmful radiation, it can also wipe off nutrients such as vitamin B12 etc. and can even cause explosions from the inside like glass.

The end.



DDT - A Brief History and Status. (2017, August 11). Retrieved January 12, 2021, from <https://www.epa.gov/ingredients-used-pesticide-products/ddt-brief-history-and-status>



Microwaves. (n.d.). Retrieved January 13, 2021, from <https://www.britannica.com/science/electromagnetic-radiation/Microwaves>

Service as Action Math Game

Names:

Saif S. → Timekeeper

Saif Z. → Leader

Sajid → Speaker

Nabil → Editor

Type of Service Action we chose

The type of service as action we used is an indirect service in which we help others without seeing them during the service.

To help people with dyscalculia, who have a hard time doing Math, we made a game in Design class about Math to help them.