

My first submission that I included was day thirteen's greener challenge about fast fashion. I had to create a presentation for my family and friends to learn more about the impacts of fast fashion. I feel like this is one of my best submissions because I researched this topic really heavily in order to include all the information. Learning about fast fashion's social and environmental aspects were really heartbreaking and even very frustrating to me. I had known that fast fashion was harming the planet and many people, but I didn't really explore much as to why. Watching videos and the documentary on fast fashion opened my eyes to some of the horrors of this industry for the planet and for communities who have no other option. I feel like my presentation includes a lot of important information in a decorative way and was very impactful to my family members as well. These were probably the slides that I was most proud of because of the way I organized all of the information and pictures to best convey the message and problem. Next, I submitted day eighteen's greenest challenge which was a presentation about energy conservation for my family. With this presentation I am proud of the way I was able to convey easy steps to improve our energy consumption. I liked the way I organized the slides and created a theme that made the presentation more interesting and easy to follow. Also, my mom really enjoyed it and decided to commit to energy saving actions! I had to research different energy saving things that can be done easily and I came across long lists of simple yet impactful things that I had never heard of. Now, I am able to implement these new habits into my day-to-day life! Third, I included the greenest challenge from day 19 in which we had to create our own cleaning products that were simple, effective, and healthy/safe. I discovered during this challenge day the endless amount of toxins in cleaning products. I had always had my suspicions, especially because bright blue sprays tend to look very unsafe, but I had never committed to looking into what exactly was in these products. Through this greenest challenge I actually made my own cleaning all-purpose solution! It was surprisingly easy and required ingredients in my pantry that I had already. The ease of making my own cleaner in this challenge actually did inspire me to make more cleaning products instead of purchasing them because it is healthier and super simple! I was proud of my outcome and my mom liked the product too! The fourth submission I included was from day twenty-four's greener challenge in which I had to email an official about supporting climate action plans including the Green New Deal. Before starting this challenge I was very nervous about emailing someone at such a high level and getting overlooked as simply an irrational kid. However, after writing my letter to Diane Feinstein I realized that it is better for me to try then to sit back and wait. I was proud of the content of my letter and I felt as though I voiced my opinions in a way that could be helpful to California's climate action plans in the future. Finally, I included day twenty two's greenest challenge in which I made a presentation slide show about Fair Trade. I really enjoyed making this presentation and researching Fair Trade organizations like Dr. Bronner's and Serendipol. I had heard the term "Fair Trade" before and had a general idea of what it was, but I never had checked to see if the things I was buying had fair trade labels. I learned in

the creation of this presentation what labels to look for and really why fair trade is so important and something that every single business and corporation should be a part of. I am proud of the information that I was able to convey through this presentation, in fact my mom was grocery shopping and she actually found a fair trade item and pointed it out to me! I really like this presentation and all the research that I discovered for it. These 5 presentations are the ones that I am most proud of and include the themes that have stuck the most with me over this challenge to the point where I am involving them into my everyday life now and sharing with others!

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Day13 Greener Challenge



Fast
Fashion and
its impacts
ft. my favorite
shirt →

What is Fast Fashion? →

Fast Fashion is the industry that produces clothing in a cheap manner and in great quantity with consideration for the environment or the workers.

Usually involve fashion trends that come and go causing consumers to continually purchase and throw out.

Zara. Boohoo
H&M. Mango. Romwe
Shein. Zaful. Asos
Urban Outfitters
Pretty Little Thing. Forever 21
Uniqlo. Bershka. **GAP**
Fashion Nova
Topshop Target Hollister
American Eagle Outfitters
Banana Republic
Old Navy Athleta
Victoria's Secret
Ripcurl **Pacsun**
& many more



These places rapidly produce clothing and fashion trends without consideration of the aftermath and waste, or of the workers and the conditions they are put under.

They produce cheap clothing that doesn't include the externalized costs of labor, pollution, or other damage.

The materials may be faulty or cheap as well, with high quantity comes lower quality.

what are the environmental impacts? →

The average consumer of clothing throws away about 70 pounds of clothing every year. The global production of textile waste is 13 million tons every year, and 95% of that could be reused or recycled in some way.



Many clothing fibers of fast fashion are polyester- this releases 2 to 3 times more carbon emissions than cotton and it does not break down the way cotton does.

Cotton still uses a lot of water and pesticides and the carbon footprint of it is so high because of the process to make it and the transportation.

Mills produce greenhouse gases and many release toxic fumes. The clothes that get thrown out may get burned, enter the environment, or pollute water.



what are the human impacts?

Fast fashion is largely derived from impoverished ('3rd world') countries, including Bangladesh. The workers are paid very little yet work long hours, produce a lot of goods, and work under terrible conditions

Workers are paid cents a day, but they have to continue to work to survive.



Rana Plaza Garment Factory Collapse: Bangladesh

The fast fashion factory collapsed injuring 2.5k people. Workers here were underpaid and experienced clearly awful conditions for many brands

Sweatshops

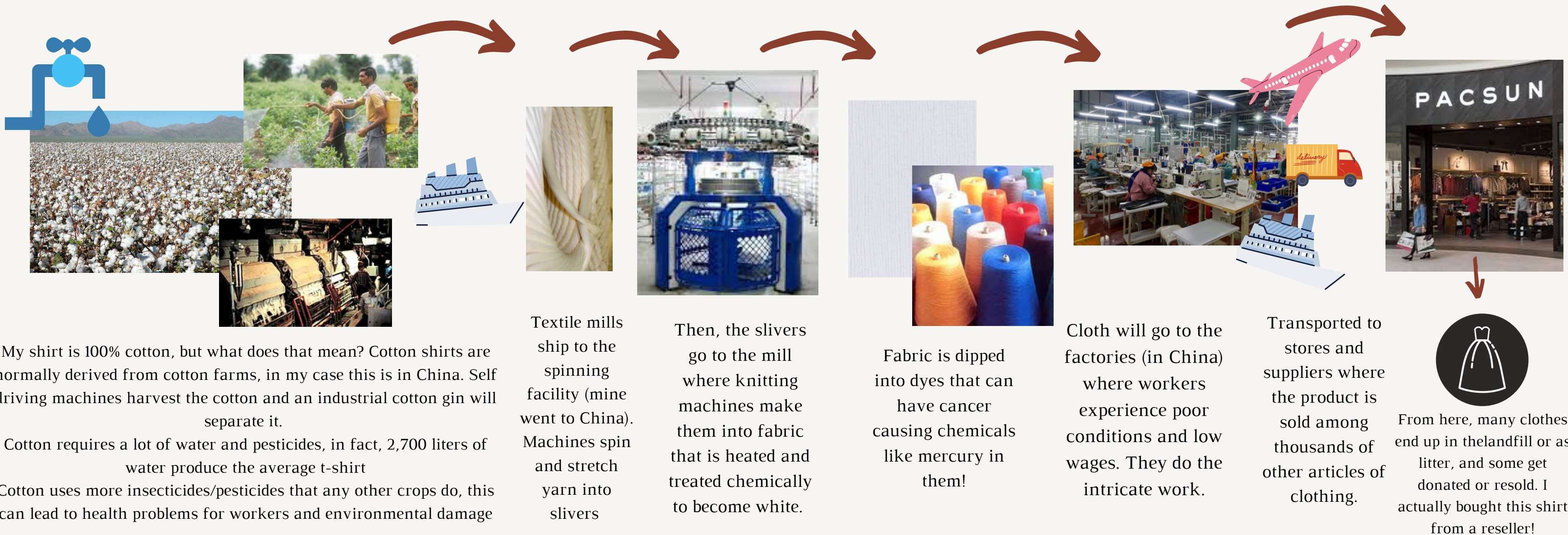
The fashion industry is built around sweat shops and exploitation of workers.



BIPOC are disproportionately impacted by the environmental and human impacts of fast fashion. It is a privilege to choose the sustainable option and it is a privilege to be able to leave your low paying job. We need to change this.



Life Cycle of A Fast Fashion Shirt (featuring my shirt)

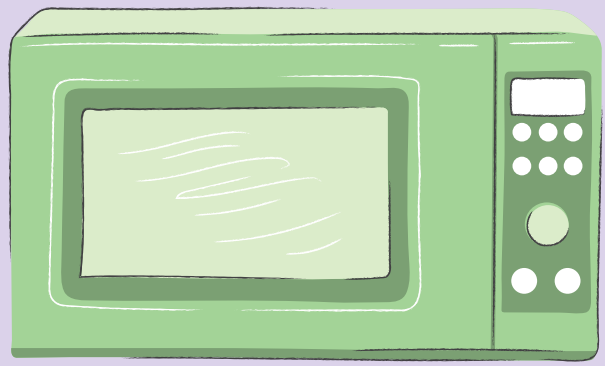


Resources:

- https://www.youtube.com/watch?v=BiSYoeqb_VY
- <https://www.businessinsider.com/fast-fashion-environmental-impact-pollution-emissions-waste-water-2019-10>
- <https://www.planetaid.org/blog/fast-fashion-continues-to-violate-human-rights>
- https://i-d.vice.com/en_us/article/vb9ppd/what-the-sustainable-movement-is-missing-about-privilege?fbclid=IwAR3m2H9k6Xi1HN3z9D3JPJSemb2Fk-GgxHJDJQkgqveg6txutzuAvYi67Zg
- <https://www.youtube.com/watch?v=9Fkhzdc4ybw>

pictures:

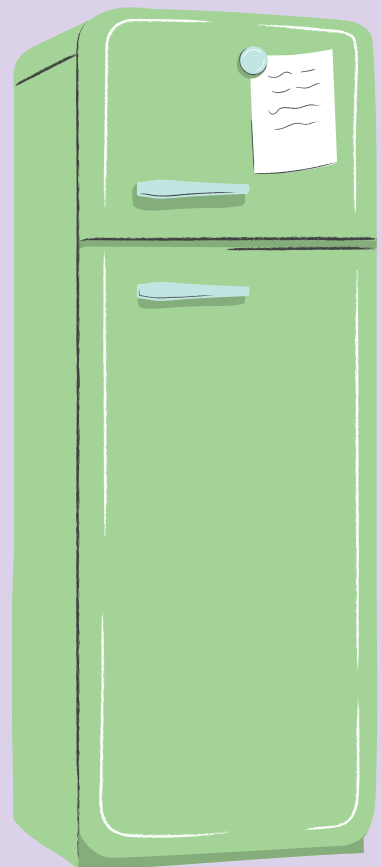
- <https://www.ft.com/content/fe86f76c-1215-11e8-8cb6-b9ccc4c4dbbb>
- https://www.pacsun.com/stores?roi=echo7-27805905015-48691567-51083050097665e91374412d93edc75c&sv_sveme=3cb5da9bb356ed6edbc4ec89c892b006
- <https://www.cotton.org/pubs/cottoncounts/fieldtofabric/dyeing.cfm>
- <https://www.xdknitmachinery.com/circular-knitting-machines-an-ultimate-guide/>
- <https://www.quilting-in-america.com/process-of-making-cotton.html>
- https://ejfoundation.org/resources/downloads/the_deadly_chemicals_in_cotton.pdf
- https://en.wikipedia.org/wiki/Cotton_gin
- <https://modernfarmer.com/2014/02/china-hoards-half-worlds-cotton-supply/>
- <http://fivefigurenews.com/environment/fast-fashion/>
- <https://www.businessinsider.com/fast-fashion-environmental-impact-pollution-emissions-waste-water-2019-10>
- <https://www.nytimes.com/2015/06/02/world/asia/bangladesh-rana-plaza-murder-charges.html>

**MICROWAVE:**

- 79.205 kWh
- \$15.85 per year

**DISHWASHER:**

- 286.16 kWh
- \$57.23 per year

**REFRIGERATOR:**

- 164.25 kWh
- \$32.85 per year

I was surprised by the dishwasher the most, it takes up a lot of energy and we use it everyday. Honestly, all three use a lot of energy, but I never really considered just how much. The cost for one year doesn't seem too bad (though still high), but after many years of using a refrigerator everyday that price will end up being really expensive. The refrigerator is essential, but the dishwasher could be used every other day instead and could only be used for washing and not drying to save energy. The microwave is used everyday, but could be unplugged possibly for the night or the morning when we don't use it.



WAYS TO REDUCE OUR ENERGY USAGE




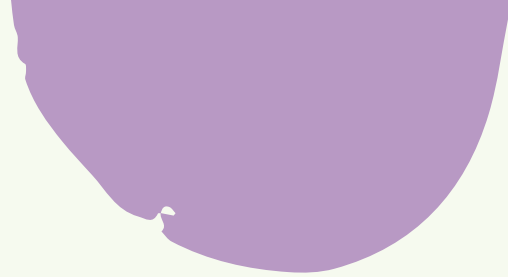
USE "SMART" POWER STRIPS



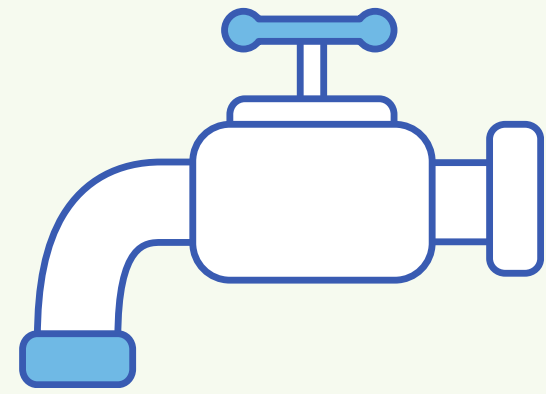
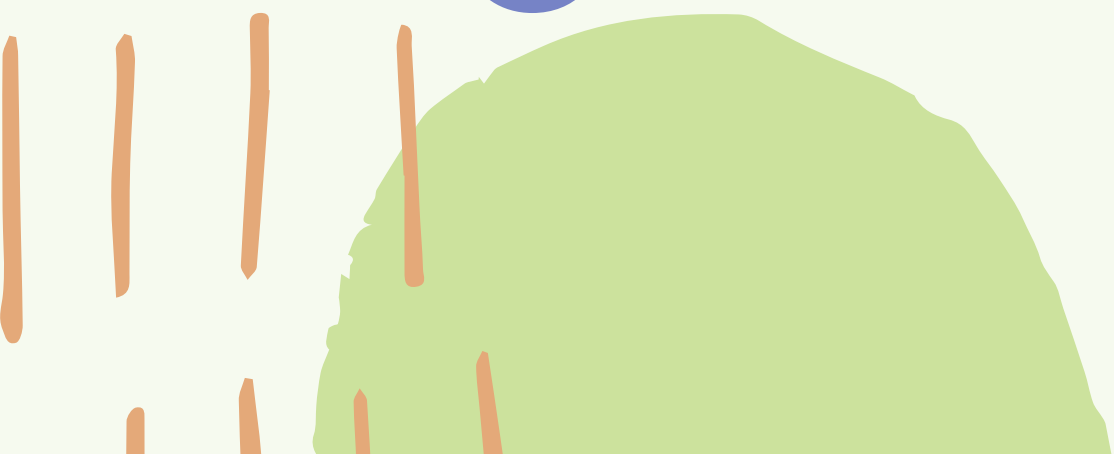
VAMPIRE LOADS

Vampire loads consume energy whenever your device is plugged in, even if its not on. Smart power strips can cut power off and save energy. It cuts off the power when it detects that your plugged in device is in standby mode.



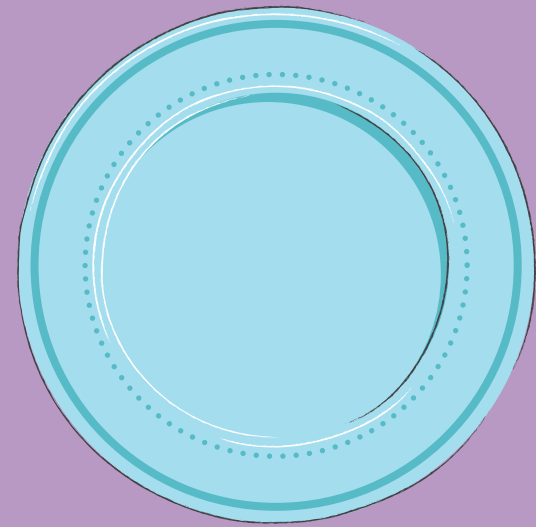
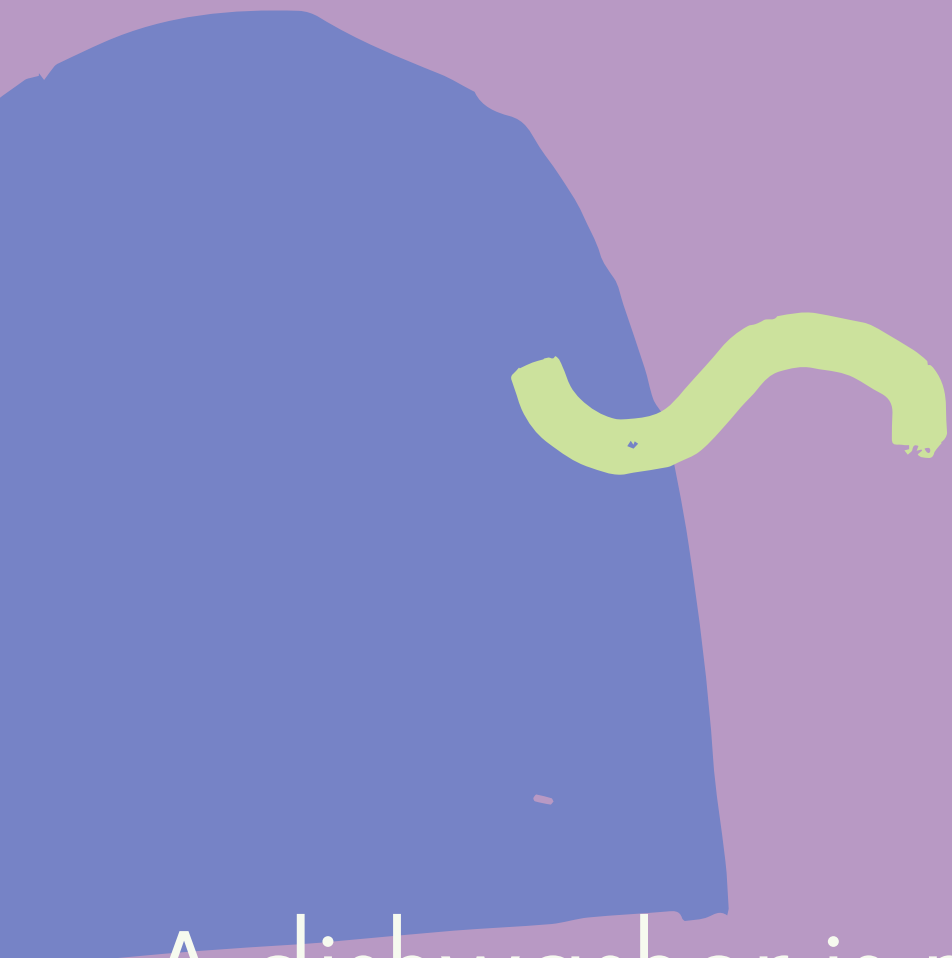


Lower the
thermostat on
your water
heater to 120
degrees F



Potential annual savings for every 10 degrees F you reduce the temperature is \$12-\$30.

Heating water is the 3rd largest use of energy in most houses.

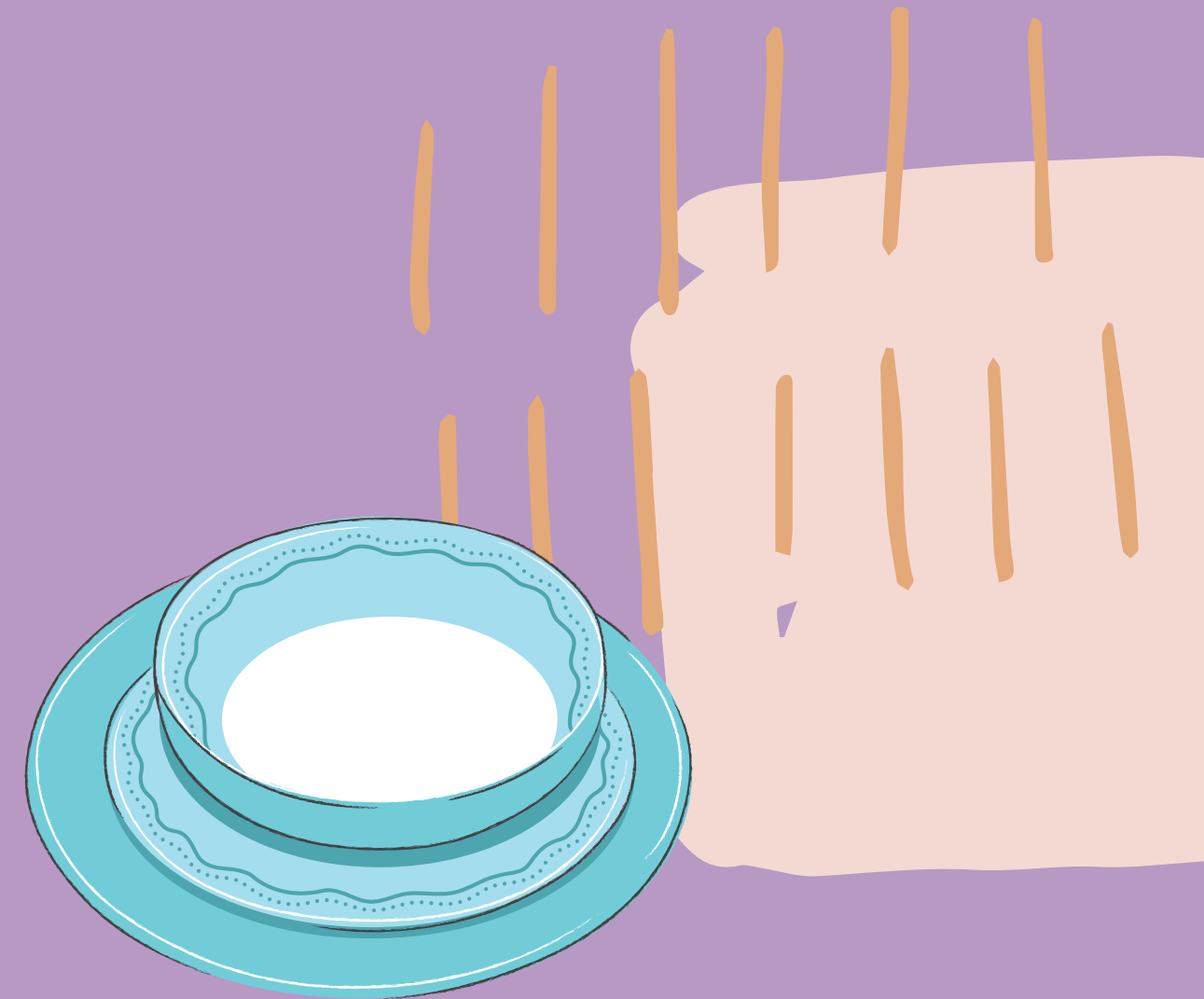


DISHWASHER:

- ONLY WASH FULL LOADS OF DISHES
- AIR-DRY DISHES INSTEAD OF USING YOUR DISHWASHER'S DRYING CYCLE

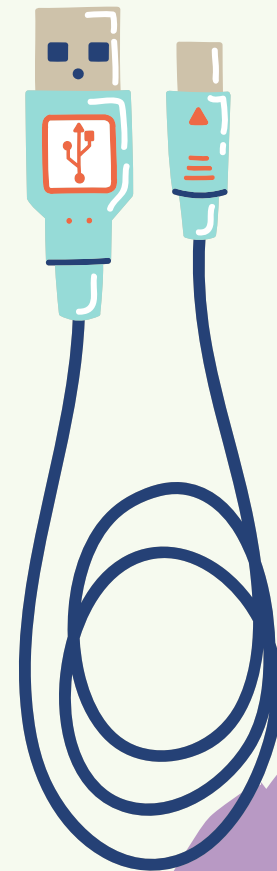
A dishwasher is normally designed to work more efficiently when full and if you only run it when it's full, you run it less often and thereby save energy.

Instead of using the drying cycle, dry by air, this can cut dishwasher energy use by 15-50%



UNPLUG CHARGERS WHEN NOT IN USE

This is another example of vampire power consumption where energy is being used, but for no reason. When you aren't charging your computer, phone, or other device, pull the charger out of the outlet and you'll actually save energy.




SHUTDOWN YOUR COMPUTER

Hibernate mode saves information to your hard disk which allows your computer to be turned off all the way and use little to no energy.





REFERENCES:

- <https://www.energy.gov/energysaver/articles/save-energy-your-household-smart-power-strip>
 - <https://paylesspower.com/blog/computer-sleep-vs-hibernate/#:~:text=Hibernate%20mode%20essentially%20does%20the,to%20where%20you%20left%20off.>
 - <https://blog.constellation.com/2016/01/01/31-ways-to-save-energy-in-your-home/>
- 

cam_i_pgc I made this slide presentation for my family on some of the simple ways that we can reduce our energy consumption. There are even more ways out there that save energy and save you money at the same time! I encourage you and your family to commit to some energy saving habits the way that my family is planning to! 📱💡🔌💚 **#PGC2020**
@turninggreenorg

Cami Child

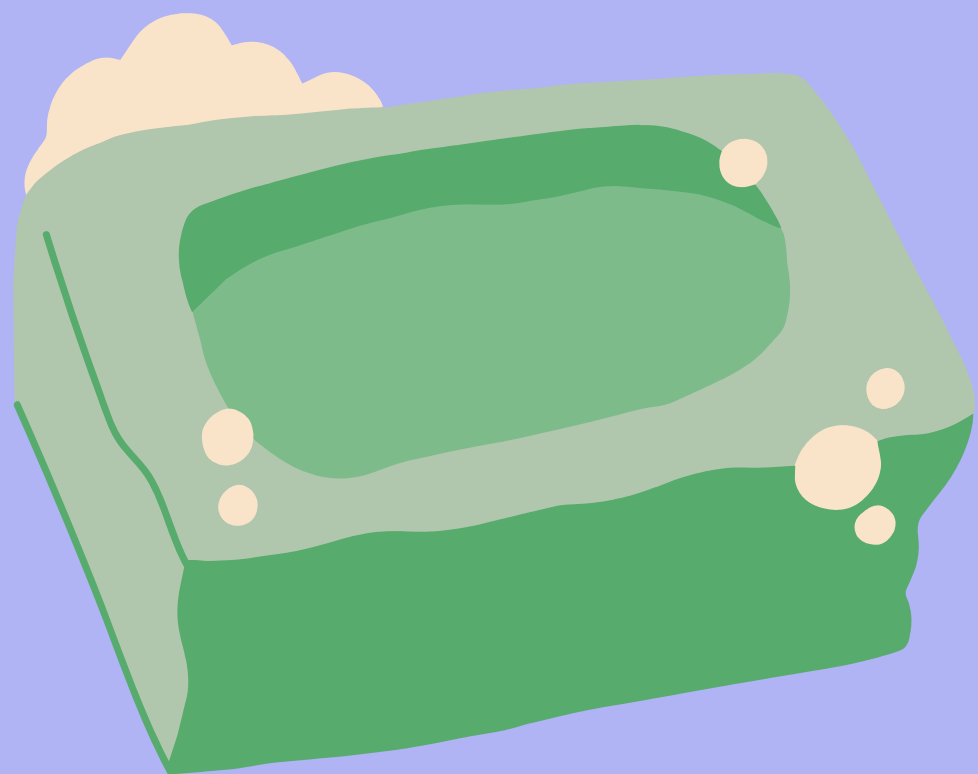
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1,4 Dioxanne: This is found in many things including dish soap. It is known or thought to be a carcinogen, meaning it can cause cancer. It is found in products with suds.

The biggest concern with this ingredient is its large link to cancer. This can be very dangerous for humans yet it is in many products.



An alternative product to the dishsoap I had with 1,4 Dioxanne is the unscented AspenClean Dish Soap. This soap is a better alternative because it has a low concern of cancer while the other one has a high concern. It is green certified and all of the ingredients don't have high concerns for the environment or different parts of the body

ALL PURPOSE DIY CLEANER

1. Fill a Quart spray bottle with water
2. Add 1/4 a cup of Dr. Bronner's Castille Soap of any scent
3. Add optional essential oils





cam_i_pgc I learned today that it is extremely important to have 'clean' and safe cleaning products. Our health and the planet are affected by chemical filled and sometimes toxic mainstream cleaning products and making cleaning products at home is actually very simple! I made an all purpose cleaner and it works quite well!    #PGC2020

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The Green New Deal

The Green New Deal lays out the first step of acting on the climate crisis before it becomes too late. It explains what we will have to change including emitting as little greenhouse gases as technologically feasible. It also lays out the plan for helping and providing for people who will lose jobs through this deal. I think that this will be able to rebuild the economy in a way that can benefit the planet and the people, including through the incorporation of making opportunities more fair, is very important. Though I can see how this can come off seemingly impossible to some Americans and officials, I think that the scale of this plan is what makes it so important and necessary because nothing that meets the needs of our problems has been created yet, and this new deal helps solve this. If I were to add anything I would possibly add more about how America will influence and help other countries follow our steps.

Dear Senator Feinstein:

My name is Cami Child and I am in 11th grade at Granada Hills Charter High School of California. I understand that you believe that Climate Change is a real issue and that it is now time to act and I really appreciate this. As a 16 year old, it can be very challenging watching officials make decisions with disregard to the environment as I know that it is my generation largely at stake. I am grateful for your increase in legislation proposals regarding reduction of greenhouse gas emissions, but I think that it is important to consider that reduction of greenhouse gases can no longer be the main goal. The United States, along with other countries, needs to completely eliminate the use and extraction of fossil fuels as much as we possibly can because as each year progresses our time runs out. We don't have the time frame to incrementally reduce the emissions of fossil fuels. We can't spend 5 or more years cutting small percentages of emissions. We need to find a way to drop emissions to an absolute 0. I know I am just a 16 year old and I may sound irrational to you, but the truth is in the science and in the changes that we can notably see and feel around us. There is no more time to waste, and reducing emissions by small percentages will not be enough progress to stop the crisis at hand.

I urge you to reconsider your stance on the Green New Deal. I understand that you are not in favor of this plan, but it is a necessary first step that seems to be the only option that acknowledges and acts with the urgency of this impending Climate Crisis. While I know that you believe that it will be too expensive and is not plausible for the U.S., I hope that you would reconsider because if we do not enact this plan or any plan of a similar nature, much more money will be needed to help the people and the planet and at that point the damage will be irreversible. I ask you to understand the importance and pressing need for a plan like the Green New Deal that offers both dramatic and serious change as well as responses and job opportunities for those impacted by this. The Green New Deal can help rebuild our economy in a way that benefits the environment, the social aspect of America, and the damage that the Climate Crisis will have on our own American economy. I hope that you will support and promote this plan and other climate action policies. Thank you for your consideration.

Sincerely,
Cami Child

cam_i_pgc I wrote to California Senator Dianne Feinstein today to urge her to support the Green New Deal and other climate action legislation so that we can urgently act on this crisis and not act too slowly. The Green New Deal is a plan that can change the way America runs and save the planet and it's people and animals! [#PGC2020](#)
[#greennewdeal](#) [@turninggreenorg](#)

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When looking through the Fair World Project articles I especially was impacted by an article title “How Do We End Child Labor? Start by Addressing Corporate Capitalism” written by Anna Canning. This article focuses on the reasons for child labor, largely being poverty, and the companies who are responsible for essentially promoting child labor around the world. She also highlights how the Corona Virus has made the conditions and amounts of child labor become worse. This article resonated with me because I know many younger kids including my cousins who are between the ages of 5 and 11 so to imagine children their age being forced to work so that they can make money and be exposed to toxic and dangerous things is truly heartbreaking. I want to be able to help by avoiding the companies who choose to avoid the problem of child labor to fit their own agenda.

Ketra Kyosiimire works with Ankole Coffee Producers’ Co-operative union LTD in Uganda and she reflects on how Fair Trade practices have impacted her life in a video interview from the Fairtrade Foundation. She is both an accountant and farmer and she says that Fair Trade has empowered women to take up larger roles in leadership which has empowered her as well. She says that they have put up projects using Fairtrade Premium. Including putting up schools for their farmers which has given children of farmers access to education, creating a scholarship scheme, and paying school fees for students. She fondly acknowledges how fair trade has helped them to grow, their farmers to grow, and their children go to school. She believes that Fair Trade practices have completely changed the lives of these people including herself. Because of this impact on her life and those around her, she urges us to buy Fairtrade products, too. She felt empowered more under Fair Trade practices and it helped her be an accountant and farmer which inspires me because she was able to do more than she thought she could, or really, do more of what she wants than generic trade/work would have allowed her to do. In the video, you can see her joy of the change that has been made in her working community and this inspires me to promote and search for fair trade products and work to support the Fair Trade Initiative for more people like her.



Fair Trade

THINGS YOU SHOULD KNOW AND
WHAT LABELS TO LOOK FOR

“Fair Trade is a trading partnership, based on dialogue, transparency, and respect, that seeks greater equity in international trade. It contributes to sustainable development by offering better trading conditions to, and securing the rights of, marginalized producers and workers.”

— World Fair Trade Organization

Among other things, Fair Trade companies and organizations work to promote equitable and safe work places and keep child labor out of them. They defend the planet and promote sustainable practices to make their products to benefit the environment and the safety and health of the people.



Principles

COMMUNITY DEVELOPMENT

Investing Fair Trade Premiums in social and business development projects. This can include education and funding for school tuitions, etc.

FAIR PRICES AND CREDIT

Farmers and Workers guaranteed at least minimum price for their products. There can also be premiums and bonuses.

FAIR LABOR CONDITIONS

Freedom of association and safe working conditions. Forced labor and child labor are prohibited.

DIRECT TRADING RELATIONSHIPS

Importers will buy from Fair Trade Producers as directly as they can to empower farmers and workers to develop the business capacity that they need to compete in the global marketplaces.







ENVIRONMENTAL SUSTAINABILITY

Harmful agrochemicals and Genetically Modified Organisms are prohibited and instead environmentally sustainable practices are favored.

DEMOCRATIC AND TRANSPARENT ORGANIZATIONS

Farmers and workers will decide in a democratic way how to invest their premiums and Fair Trade committees give opportunities for leadership to all genders.

Fair Trade Labels

	FOCUS <i>Who is this label and its standards designed to benefit?</i>			STANDARDS <i>Does this label emphasize these key elements of fair trade and labor justice?</i>					BRAND REQUIREMENTS <i>What do these labels require of a brand to sell certified products?</i>	
	Small-scale Farmers, Artisans	Farm-workers	Factory Workers	Price Based on Cost of Production	Fair Wages	Premiums Paid	Emphasizes Freedom to Organize	Formal Participation of Intended Beneficiary*	Commitment to Grow Fair Trade Purchases	Forbids Corporate Fairwashing
	✓	✓		A	A	N/A	A	A	✓	✓
	✓	✓		A	B	A	A	D	✓	✓
	✓	✓	✓	C	D	C	D	D	X	X
	✓	✓	✓	B	B	A	A	A	X	X
	✓			A	B	A	A	A	✓	✓
	✓			A	B	N/A	B	A	✓	✓

* The intended beneficiaries, farmers, artisans and workers, have a formal role in standard-setting.

Not all labels are the same. Look for those with higher 'grades' that best follow through with what they promote and best serve the people and planet.

Certification- Recommended Fair Trade Labels



Certification Labels: Labels that need a third-party audit to verify that a set of established standards has been met

Certification- Recommended Fair Food Labels



Certification- Labels to Approach with Caution



Membership Organizations



- Verify that a member's mission and practices meet a specific set of values or criteria.



Serendipol

Serendipol is the first project worldwide to produce organic and fair trade coconut oil. It is produced under socially responsible and environmentally sustainable conditions. Grants for housing improvements are given to workers, community development projects take place, nurses are here every day, and the wellbeing of the workers is promoted.



Serendipol
Sri Lanka



Learn More Here:

<https://www.youtube.com/watch?v=gtOQd748dC0>



Ketra Kyosiimire

An Accountant and Farmer at Ankole Coffee Producers' Co-operative union LTD in Uganda

Ketra Kyosiimire is a worker who was impacted by Fair Trade practices saying that she became more empowered along with other women and that through community development they were able to send more children to school. Fair Trade has benefited her and her community of workers in many positive ways. She urges everyone to support fair trade companies and products.

Reflection:

My family agreed that Fair Trade practices are so important and wanted to help support companies and organizations that provide equity to the workers and farmers so it is a more fair world. Purchasing Fair Trade is something that can definitely be incorporated into our lifestyle, my parents say we can get some of the Fair Trade alternatives to our products next time we have to purchase them! A person can support fair working conditions even when not buying Fair Trade products by supporting politicians that promote fair working conditions and speaking out to others who are able to buy Fair Trade products. Also, speaking to your school or work to see what types of food they provide and how this could be altered to include Fair Trade products. My parents had vaguely heard of this before, but didn't necessarily associate it with anything, but now they know what to look for AND what the meaning behind the labels and movement is.

Resources

- https://fairtradecampaigns.org/wp-content/uploads/2017/08/CAM_FT101_170630.pdf
- <https://fairworldproject.org/get-informed/movements/fair-trade/certifiers-membership-orgs/>
- <https://fairworldproject.org/get-informed/movements/fair-trade/certifiers-membership-orgs/>
- <https://www.youtube.com/watch?v=V8g80SkGh8E>
- <https://fairworldproject.org/choose-fair/certifier-analysis/reference-guide-to-fair-trade-and-worker-welfare-programs-2/>
- <https://www.youtube.com/watch?v=gtOQd748dC0>

cami_pgc Fair Trade is helping so many people across the world and the earth itself. It's so important that companies become fair trade and that we support fair trade products because it promotes the wellbeing of workers and farmers and gives them equitable working conditions, and because it promotes sustainability and fairness for the planet! Make sure to look for fair trade products with the best labels to support the true Fair Trade movement!! **#PGC2020 @turninggreenorg**