How to Properly Clean & Sanitize

SMART Boards, robotics, & other Teq products

SMART Boards

SMART has provided the following guidance for safely cleaning your SMART Boards without damaging the anti-glare surface. Please read through these instructions completely before beginning any cleaning process: https://community.smarttech.com/s/article/How-to-clean-SMART-Board-interactive-display-surfaces?language=en_US

Sparkfun

pi-top

Use Clorox wipes on the screen and keyboard.

SAM Labs

We would recommend using disinfectant wipes that are not heavily saturated with liquid. We do not recommend spraying liquid disinfectants directly on the blocks. If liquid or spray solutions are needed, they should be sprayed onto a cloth and then used to wipe the SAM Labs blocks. Additionally, no SAM Labs block should ever be submerged in liquid.

littleBits

Make sure the littleBits are disconnected from the power source and wipe down with a disinfectant wipe, allow to dry, and store back in their cases. We don't recommend a spray for littleBits, as too much liquid could get into the tiny openings/connections.

Bloxels

Osmo

Plastic pieces can be cleaned with alcohol.
Here's some other cleaning information we have.
BASE AND REFLECTOR:
We recommend that you follow this advice on cleaning Apple products and peripherals:
https://support.apple.com/en-us/HT204172
DETECTIVE AGENCY:
If you accidentally spill liquids or water on the Detective Agency maps, towel dry the maps carefully,

thoroughly and quickly to ensure no damage occurs. Pay special attention to the edges of the maps, which are more vulnerable to water damage.
Note that any kind of dry erase, wet erase, or other markers will permanently stain and ruin the maps.
CREATIVE BOARD:
Based on customer feedback, products such as Mr. Clean Magic Eraser https://www.mrclean.com/en-us/shop-products/magic-erasers/magic-eraser-original and Windex work great.
If they do NOT work, or if these products are not readily available, here are some other options:
1. Vinegar and water solution
2. Peroxide
3. 99% or 90% Isopropyl alcohol
4. Hand sanitizer

UBTECH

Robotis

Simple alcohol-based cleaning products is the best way to remove germs. Alcohol will not affect the electronics so we would recommend using alcohol-based wipes. For safety I would recommend removing the power supply before wiping down the units.

Wonder Workshop

Keep liquids away from the robot. The robots are not waterproof and contact with any liquids will void the warranty!
Disconnect any external power sources, devices, and other cabling from the robot before cleaning.
Use only a soft, lint-free cloth. Abrasive cloths, towels, paper towels, and similar items may cause damage to the robot.
Don't get moisture into any openings, and don't use aerosol sprays, solvents, or abrasives.
Do not spray cleaners directly onto the robot.

Sphero

Wipe down the robots' outer surfaces, anything that hands have touched.
For BOLT and SPRK+, wipe and spray away! There are no charging ports or openings to worry about, as these two bots are completely waterproof. Just be sure not to use harsh solvents or anything abrasive or sharp to clean them.
For Minis, the outer shell should be removed and wiped inside and out, allowed to dry and placed back on the inner robot ball. You can also wipe down the inside, but make sure no liquid gets inside the charging port or other openings.
For RVR, be sure to wipe down the roll cages, dev plates and any other shared accessories your class may use to build on top of RVR.
Allow the robots to dry completely before placing them back on their chargers, making sure they unplugged to any power sources.
While unplugged, wipe down the handles, cords, and other touchable surfaces on the power packs or other storage containers. When dry, you can plug everything back in to charge up

Wipe down the surface where the robots were placed for cleaning on with a fresh wipe to finish the disinfection process.
Lastly, remove and toss your disposable gloves (if you used them) and wash your hands with soap and warm water for at least 20 seconds.

KIBO

Create a 2% bleach solution (4 teaspoons bleach per quart of water, or 5 tablespoons (1/3 cup) bleach per gallon of water).
If you are using a spray bottle, spray a soft cloth with the bleach solution. If you are not using a sprayer, then wet the cloth with the bleach solution.
Rub the outside of the KIBO robot and all component parts (blocks, modules, white boards, art stages, etc.) with the wet cloth.
Allow to air dry. Do not rinse off.
Do not immerse your KIBO or parts in water or any liquid solution.
Use unexpired household bleach at the recommended concentration.
For more information, please check the CDC website at https://www.cdc.gov/coronavirus/2019-ncov/community/home/cleaning-disinfection.html.

Cubelets

https://www.modrobotics.com/knowledge-base/articles/how-do-i-perform-maintenance-on-my-cubelets/

Ozobot

https://ozobot.com/blog/covid-19-and-your-classroom-how-to-clean-your-bots-and-keep-the-coding-going

Ultimaker

Makerbot

We recommend at least 60% isopropyl alcohol for the build plate. As far as the exterior/knob/rest, I've just wiped them down with Lysol wipes and in 2 years nothing wrong has happened, I would avoid sprays, but we don't have an official recommendation. Alcohol would also work for the entirety since we already recommend it.

zSpace

Veative

MERGE

Wipe down with any kind of alcohol pad, or Lysol spray (disinfectant).

3Doodler

• Sanitize the exterior of the pens in the same manner as other electronics. We recommend sanitizing wipes or disinfectant spray on paper towel.
• The filament that extracts from the pens should not have any contamination issues due to internal heating. If teachers are concerned about sanitizing the strands, then they can be wiped down similarly to the pens. The strands must be dry before being used in the pens again.
• With the start pens, we often encourage educators and students to wet their fingers when molding the extruded filament before it hardens. Sometimes people use water, and other times they quickly lick their fingers. For the time being, we would encourage educators and students to use water rather than licking their fingers. o The Create+ filament does not have the same malleability because it hardens in 3-4 seconds after extrusion.
• Please encourage educators and students to sanitize their workstations, desks, Learning Pack boxes, activity kits, and molds after use.
• Also, please do not submerge any of the pens in water or other liquids while turned on or off. This will damage the pens.

Mayku

We recommend using warm water with an antibacterial soap or disinfectant to clean The FormBox with. The user should be careful not to let water drip into the ventilation holes on the top of the machine.

MooreCo Furniture

Tech Tubs

Dampen a cloth with disinfectant and wipe the product down.
Avoid any electrical components.

Farmshelf

In terms of disinfecting, we standby the 70% isopropyl for sanitizing any/all surfaces inside and out, and always wearing gloves when handling plants. Of course if anyone feels ill, they should not interact with the Farmshelf. That said, the Farmshelf is also a sealed, closed system.