

Copper Saves Lives Campaign FAQ

1. What is the Copper Saves Lives campaign all about?

- Teck's Copper Saves Lives campaign encourages students to think about where copper surfaces in their community can reduce the spread of germs and help keep people healthy.
- When introduced on high-touch surfaces, copper kills 99.9% of all bacteria that comes in contact with it. Introducing copper on high-touch surfaces such as door handles or counter tops can help to significantly reduce the spread of infection.
- This is most important in healthcare facilities, where patients have weakened immune systems and are more susceptible to contracting a life-threatening infection.
- This WE Day, we are asking students to create a video to tell us where in their community copper surfaces could help keep people healthy.
- Teck will then select the winning submission and work with its partners to install copper surfaces in the areas proposed by the students.

2. How do I create a video submission?

- Create a 1-3 minute video that shows us where copper surfaces could help keep people healthy – it could be somewhere in your school, your local hospital or any community gathering place.
- Upload your video to YouTube with the hashtag #CopperSavesLives
- Then complete the online entry form at www.coppersaveslives.com. The online entry form requires that you provide your name, email address, phone number, name of school and city. You must also provide a link to your video submission on YouTube to participate.
- If you are under the age of 18, please have your parent/guardian complete this form and approve your participation in advance.
- Group work is permitted but the final video of the group can only be entered once.
- Participants are encouraged to spread the word and share their videos through social media channels using the hashtag #CopperSavesLives.

3. How is the winning video selected?

- Contest entries will be judged based on the creativity of the video, the feasibility of the proposed ideas and the understanding of the students about how copper can help keep people healthy.
- Teck will explore the feasibility of the proposed idea with all relevant parties and then a panel of judges, including Teck representatives and infection control specialists, will select the winning video.

4. How will the winning video be announced?

- The winning video will be announced on February 15, 2019 at 9:00 a.m. PST on Teck's Facebook page and on the www.coppersaveslives.com website. The winner will also be notified by email.
- Teck will then work with the winning participant and appropriate parties to install antimicrobial copper surfaces in the proposed location.

5. What happens once a winning video is selected?

- Teck will work with the winning participant and appropriate parties to install antimicrobial copper surfaces in the proposed location.

6. Where can I learn more about the official rules of the campaign?

- Click here to access the [Official Rules](#)

7. What kind of surfaces can be replaced with copper surfaces?

- Nearly any surface can be outfitted with copper – door handles, drawer handles, counter tops, railings, sinks, etc.
- To help generate some ideas, check out this [Antimicrobial Copper Product Catalog](#).

8. Where can I learn more about copper surfaces?

- [AntimicrobialCopper.org](#)
- [Copper Facts](#)
- [How Copper Works](#)
- [Wikipedia](#)

9. What is Teck's Copper & Health program?

- Teck's Copper & Health program aims to raise awareness about the innovative role that copper can play in reducing healthcare-acquired infections and advocate for the use of copper surfaces in healthcare facilities across Canada to help keep patients, employees and visitors safe.
- In addition to the Copper Saves Lives campaign at WE Day, we are supporting important research in hospitals across Canada and working with the Coalition for Healthcare Acquired Infection Reduction to encourage health authorities across the country to scale up the use of copper to reduce healthcare-acquired infections.
- To learn more about Teck's Copper & Health program, please visit www.coppersaveslives.com

10. Does this initiative help Teck sell copper?

- There is no commercial benefit to Teck from the increased use of copper in healthcare, as the total quantity of metal required is extremely small.
- Rather, we have two goals: to improve health outcomes for people and to raise awareness about the important role of copper in modern society and particularly in reducing the spread of infection.

11. What are healthcare-acquired infections?

- In healthcare facilities across Canada and around the world, harmful bacteria and viruses exist on commonly touched surfaces.
- As a result, patients, healthcare workers and visitors to healthcare facilities are at risk of becoming infected with serious healthcare-acquired infections (HAIs). These infections can spread from touching contaminated surfaces, such as door handles, push buttons or equipment.
- Contracting an HAI typically extends a patient's length of stay by 4-7 days, significantly increasing the cost of care. Of greatest concern are the bacteria that are resistant to multiple types of antibiotics.
- More than 50% of HAIs are caused by bacteria that are resistant to at least one type of antibiotic.

12. What is antibiotic resistance? Does that mean antibiotics are becoming less effective?

- According to the World Health Organization, antibiotic resistance is one of the most serious global health threats facing the world today. Without effective antibiotics, medical procedures such as organ transplants, chemotherapy and major surgery become very high risk.
- It is estimated that 10 million people could die every year by 2050 – more than the number of people lost to cancer every year – if no major action is taken.

- Copper surfaces are an innovative part of the solution to antibiotic resistance: copper has shown to be effective against many pathogens with antibiotic-resistance and can prevent the transfer of resistance between bacteria on those surfaces.

13. Are healthcare-acquired infections really a big health issue in Canada?

- Yes – according to Infection Prevention and Control Canada, more than 250,000 patients will contract an infection while receiving care in Canada annually, and approximately 14,000 of these patients will die as a result.
- Mortality rates attributable to *C. difficile* have more than tripled in Canada since 1997. HAIs are now the fourth-leading cause of death in Canada and cost the Canadian healthcare system more than \$1 billion annually.

14. Are there any hospitals that have copper surfaces in Canada?

- Yes – with Teck’s support, Vancouver General Hospital (VGH) recently opened its newly-expanded Intensive Care Unit, which included the installation of antimicrobial copper on all horizontal surfaces – the first such use of copper in a Canadian hospital.
- As part of our Copper & Health program, we are working with [CHAIR Canada](#) and other organizations to encourage the integration of copper surfaces at new and existing healthcare facilities across Canada.

15. What are other examples of copper surfaces being used outside of hospitals?

- The Stanley Cup Champion LA Kings hockey team recently [introduced dumbbells and fitness equipment with copper surfaces in their training facility](#) to help reduce the spread of infection among players and keep the team healthy.
- Over [50 water bottle filling stations made from antimicrobial copper](#) can be found throughout the Hartsfield-Jackson International Airport in Atlanta, Georgia.
- The Ronald McDonald House in Charleston, North Carolina has [replaced steel, wood and plastic touch surfaces with copper surfaces](#) to help create a safer environment for the children, families and staff. Workers at the Ronald McDonald House have installed more than \$400,000 worth of copper fixtures on "high-touch" surfaces including sinks and faucets, cabinet pulls, locks, dining room tables and hand rails.

16. Are you still running the Zinc Saves Live Battery Recycling Campaign? Can I still collect batteries and report the number of batteries I’ve recycled?

- Yes, the Zinc Saves Lives Battery Recycling Campaign will continue to run alongside the Copper Saves Lives campaign.
- However, we will no longer be collecting batteries at WE Day events.
- We encourage you to continue to collect batteries, recycle them through Call2Recycle and report them on our website, www.zincsavestives.com to participate in the campaign.

17. Why is Teck involved in WE Day?

- Since 2011, Teck has supported WE Day events across Canada and raised awareness about the global health challenge of zinc deficiency. Students have participated in a number of campaigns that have helped spread the word and save the lives of children around the world.
- This year, we are raising awareness about the important role that copper can play in reducing the spread of infection.
- WE Day provides an opportunity to empower young leaders from across Canada to help keep the people in their communities healthy and safe.