

Fruit to the Rescue

Once upon a time, a cute little polar bear lived with the Inuit people. He was searching for food. His main source of food is meat, like seals. Gradually his "food" grew smart, and was now running for their lives the second they heard him. For instance, if he wanted to catch a little snow bird, he would have his face flat on the ice, instead of biting in the snow bird's soft flesh. Even if he wanted to eat something other than meat, all there was to eat on the island was still meat. On the island, which he shared with the Inuit people, the seals now always slid away from him, the fish always swam away, and snowbirds always flew away. He tried going underwater to catch food, but the beluga whales, narwhals, seals, and everything he wanted to eat either swam away, or hid in narrow crevices in the ice, or rock under the water.

Having run and swam weak from hunger, he is now sitting in a basket on the cold snowy ground. He is sad, grumpy, and very hungry. It has been days since his basket was full of meat. He then decides that he is going to have to find some fruit instead, but where in the middle of a frozen island was he going to find some fruit? The distance from his frozen island to a warmer place with fruit was miles away, and too far for him to swim and run in the condition he was in right now. He also couldn't eat the Inuit people, because they were kind enough to share their territory. He is now asking you and your crew to help him collect some fruits for him to eat, and gain more energy, so he can run faster to catch his prey.

You just discovered that the frozen land is too cold for your crew to go and give the fruit to him, and there is only one minute before he fully runs out of energy, and passes out. The good news is that your rescue crew have already built a robot that can survive in the cold and pass fruits to the polar bear. Your team programmed the robot again, so it could send fruits to the polar bear. When you finished, your team could control the robot with an ipad, and better, it can show you what the robot can see!

Your team first took the robot to where close to the place the polar bear would be living, and then you set the robot on it's way. The robot sped across the snowy ground, passed the Inuit home, and then passed more snowy ground, until it spotted the hungry polar bear. There were 15 seconds left! The robot stopped at the edge of the frozen land. The polar bear was on another piece of ice, so then the second step was in action. The robot loaded the fruits in a basket, and shot them one at a time directly in the basket beside the polar bear. Once the robot had no more fruit to fling, it retreated, and now the little polar bear was full of energy. He thanked the people that were watching on the ipad, a loud roar of thanks!


Credits:

Name of students who participated: Isabella, Lilian

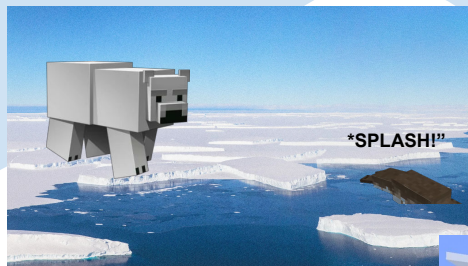
Team: 9390G

Cautiontape Robotics Club

Markham, Ontario, Canada



Where is the food? I am so hungry...



Several days later of unsuccessful hunting...

So hungry...
need food...

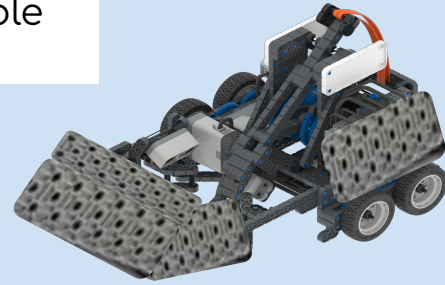
Fruit!!!



Meanwhile, a crew has found out about the hungry little polar bear, so they made up a plan without freezing to death...



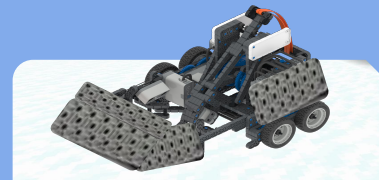
A robot that would carry fruit to the bear, and is invincible to the ice and cold!

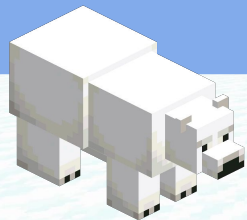


So the robot went on its journey...

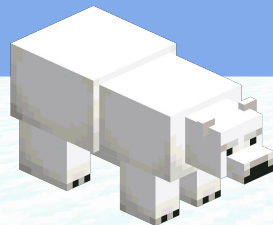


Until he saw the little polar bear!





plop



plop

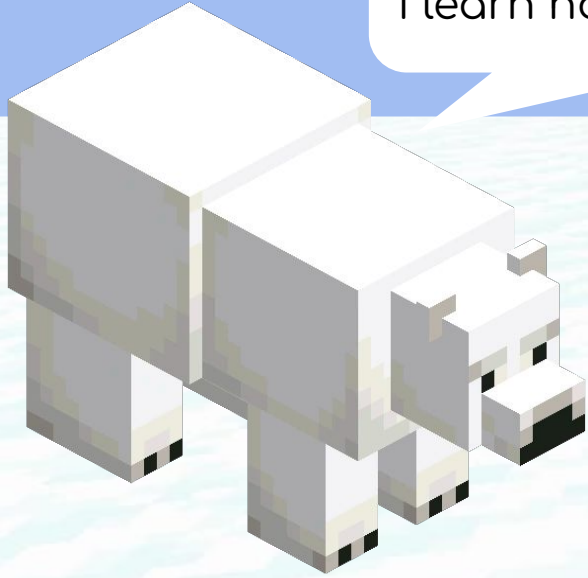
So one by one, the fruits were all in the basket...



nom, nom, nom (burp)

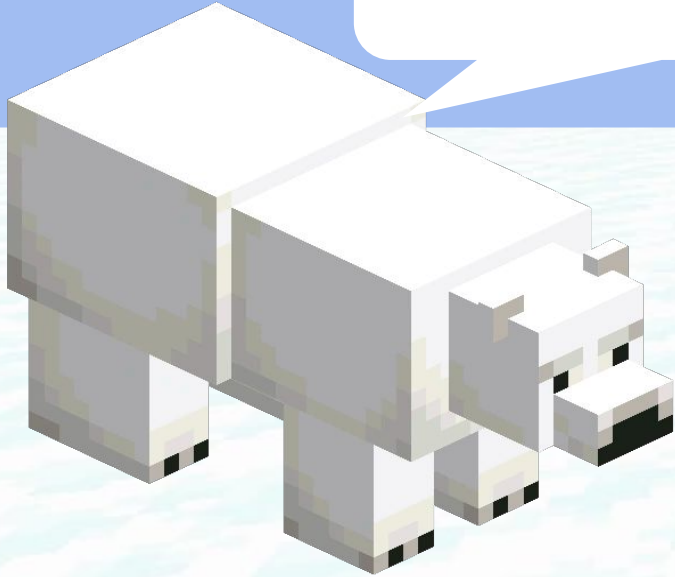
The polar bear ate half of them, and regained his energy!

RAWR! Thanks crew 9390G, I'll pay you back next time... once I learn how to swim again!



A few weeks later...

Da glory of meat! Tack min vän!



The end!