

# OzoClaus

## ***Created by***

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## ***Topics***

Robotics, Computer Science, Programming

## ***Ages***

K-5

## ***Duration***

30-45 min



**Students will use previous knowledge of Ozobots and OzoCodes to program OzoClaus to deliver presents on Christmas Eve.**

**Grade Levels: K, 1, 2, 3, 4, 5**

**Duration: 30-45 min**

**Materials: OzoBot (1.0 or higher), markers, printable course templates, scissors & tape (optional)**

**Objective: Help OzoClaus deliver presents to the houses on Christmas Eve, but beware of the Grinch !**

**Prerequisites: Knowledge of how OzoCodes work**



## **Your Mission:**

**Help OzoClaus deliver presents to the houses of the good girls and boys before the time runs out on Christmas Eve !**

**You must program OzoClaus to:**



**Avoid the Grinch**



**Stop at each house to deliver presents**



**Take a quick break for milk and cookies**



**Return to the North Pole before Christmas morning**



**Use your OzoCode cheat sheet, and printed course template, to complete your mission.**



Start →





Start →



Hurry! Don't  
be late!



Almost home!  
Do a jolly jig!





**Game over**



**Start** →



**left**

**pause**

**right**



**Hurry! Don't be late!**

**pause**

**straight**



**Almost home!  
Do a jolly jig!**

**pause**

**left**

**pause**



**pause**





Game over



Start →



pause



Hurry! Don't be late!

left

right

straight

pause



Almost home!  
Do a jolly jig!

pause

left









pause












pause












## OzoCode Cheat Sheet

-  turn left
-  turn right
-  pause (3sec)
-  fast
-  turbo
-  nitro boost
-  tornado
-  spin
-  win/exit  
(game over)

## OzoCode Cheat Sheet

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## OzoCode Cheat Sheet

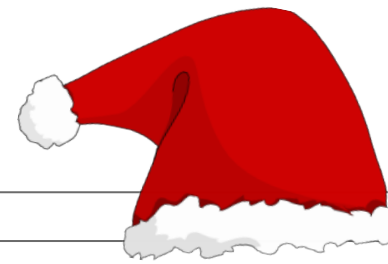
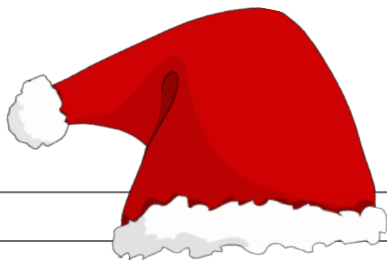
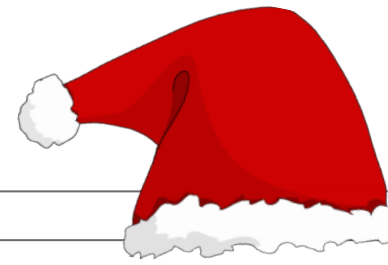
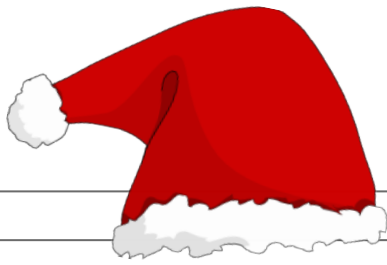
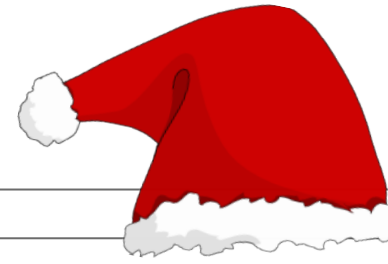
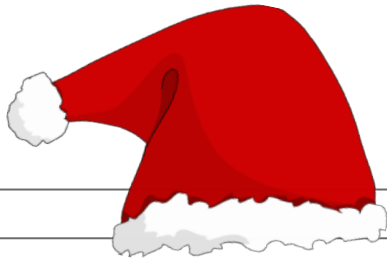
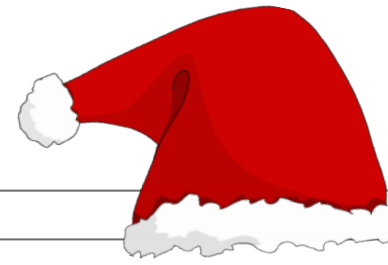
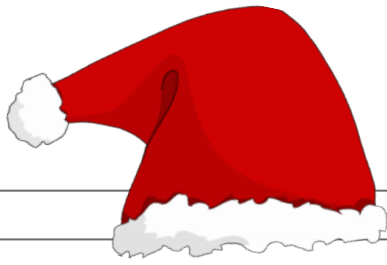
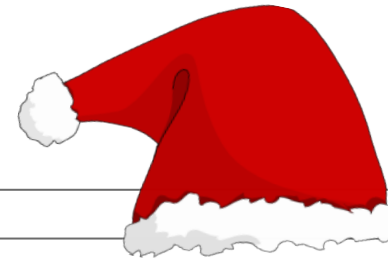
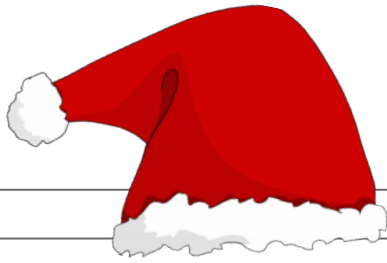
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# **Optional Resources**

**-Santa hat Ozobot costume**

**-Blank template for students to draw their own houses or make up their own course**

**\*Additional ideas: make 3D pop-up houses and characters for the course**





# Questions?

**Please feel free to contact me with any questions or lesson suggestions !**



**Carrie Willis**

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**Use the hashtags #OzoClaus & #OzoNation to share photos of your students on social media !**