

HS GEOMETRY STANDARDS

KY.HS.G.2

KY.HS.G.3

PHOENIX TANG CATCH THE DONUTS





Capture The Flag: Cat Edition-User Guide

Link to Game Above

Meet the Characters:

George Jimr





George is the main character and he is the character which you will be controlling.

Jimmy is one of the obstacles but he was really cute so we gave him a name.

Goal of The Game:

The goal of this game is to win by getting to the green flag, in order to get to the green flag you have to go through a series of obstacles. In order to get around the obstacles you have to use different power moves.

How to Win/ Lose:

In order to win the game you have to direct George through all the obstacles including going around Jimmy :(you will have to use the power moves to go down and under Jimmy and then you use a different power move to get to the next level. To get to the next level you have to touch the black tower at the end of the first screen. After that you use the third power move to get to the green flag. When you get to the green flag you have to be on top of it and hit "W" to go to the winning game screen.

BRYCE KIMERY CAPTURE THE FLAG

Transformation That Happens With The Move

<u>Control</u>	<u>Move</u>	<u>Transformation</u>	<u>Old → New</u> <u>Location</u>	Rigid
Up Arrow	Power Move	Dilation Rotation	(-186, -151) → (-186, -36) Size goes from 50% → 100%	Not Rigid
Right Arrow	Normal Move	Translation	(-186, -36) → (-86, -36) Moves forward by 100 units	Rigid
Down Arrow	Power Move	Translation Dilation	(-186, -36) → (-186, -151) Dilated by .5- 100% →50%	Not Rigid
Left Arrow	Normal Move	Translation Reflection	(-86, -36) → (-186, -36) When the back arrow is clicked George Reflects and moves backwards.	Rigid
Space Bar	Normal Move	Translation Translation	(-186, -36) → (-186, 64) → (31, -36)	Rigid
#1	Power Move	Translation Rotation	(-186, -36) → (-186, 129) 180° Rotation	Rigid



MERYL FURNISH FOOD TRUCK In my gar arrow.

Rotation

In my game, rotations are used on the food truck. By clicking either the left arrow or the right arrow, the food truck will turn 90 degrees in that direction. This is a rigid transformation because the shape and size does not change.





Objective of the Game

The objective of this game is to get the cat to the food truck because he is hungry. He can't touch the grass and must stay on the road.

