

ANGLEGATORS

A Game for the XO Laptops to help teach Angles

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WHAT IS IT?

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A game to teach angles to students at a fourth grade math level

AngleGators

- You are an alligator eating fruit as flows down the river.
- You need to open the alligator's mouth wide enough to eat fruit.
- The closer the alligator's mouth angle is to the the minimum fruit angle, the more points you get.

HOW DOES THE CODE WORK

Awesome Things

- The Menu System
- Highlighting of Clickable Items
- Returning Item Text to Decide What's Next

Bad Things

- Alligator "Animation"
- Food Draw Function

STUMBLING BLOCKS AND SUCCESSES

Stumbling Blocks

- Setting the right item sizes and positions
- Showing the final score on the Game Over Screen
- Updating How Many Teeth are Left

Successes

- Semi Finished Game
- Functions Great on the XO

THINGS DONE DIFFERENTLY

- Organized the code from the beginning

MORE TIME?

Future Things

- Gameover Feedback
- Difficulty Levels
- Alligator Movement
- Make Screen Resizable
- Visually Lose a Tooth

Get the source of this theme and the demo presentation from

`github.com/matze/mtheme`

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QUESTIONS?