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Draw Snap Play!

An Introduction to Video Game Design
June 19, 2018

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DOODLEMATIC

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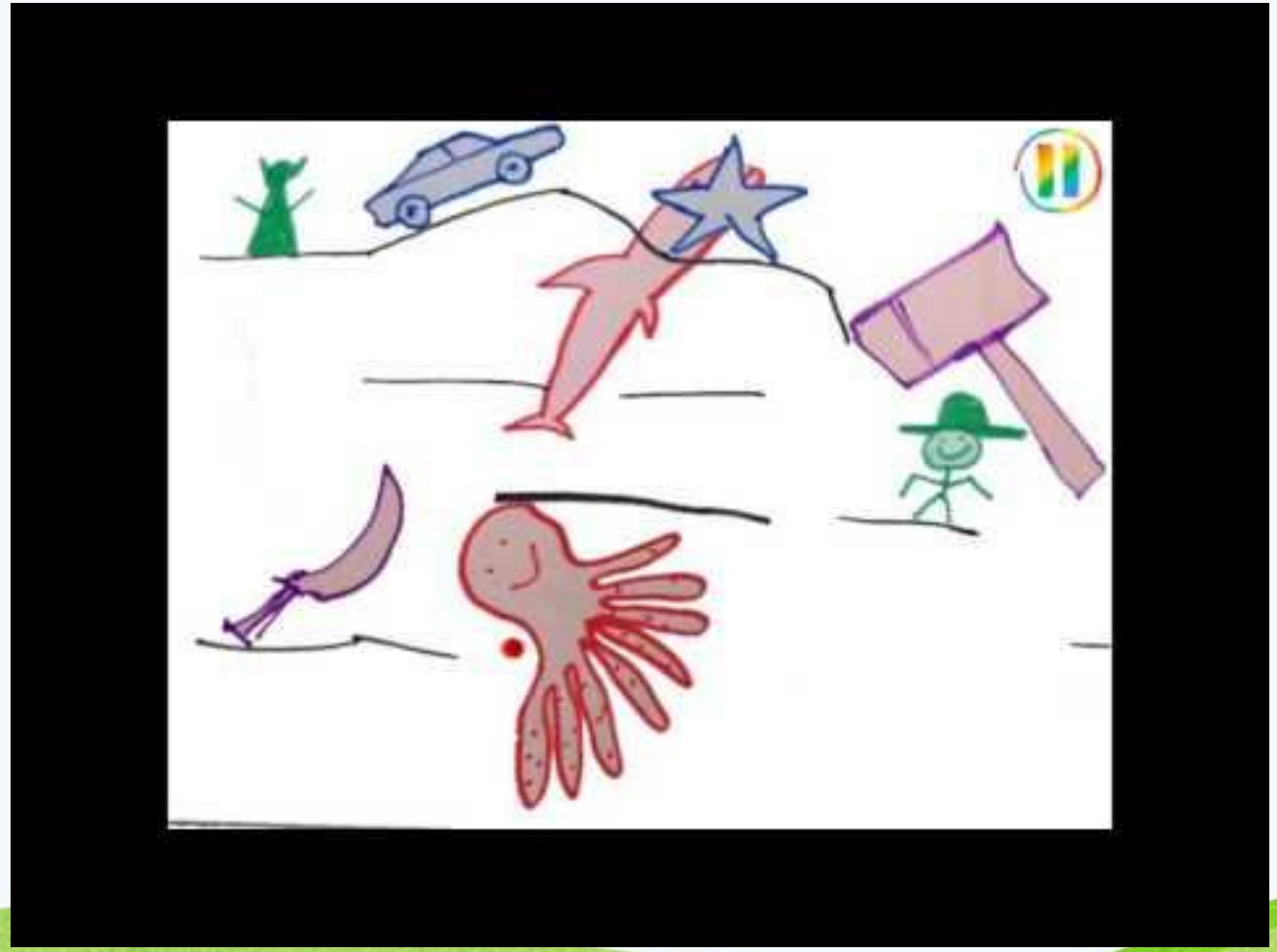
What is Doodlematic?



DOODLEMATIC
DRAW
SNAP
PLAY
SHARE
MAKES
LEARNING
FUN!
DESIGN, CREATE AND PLAY GAMES

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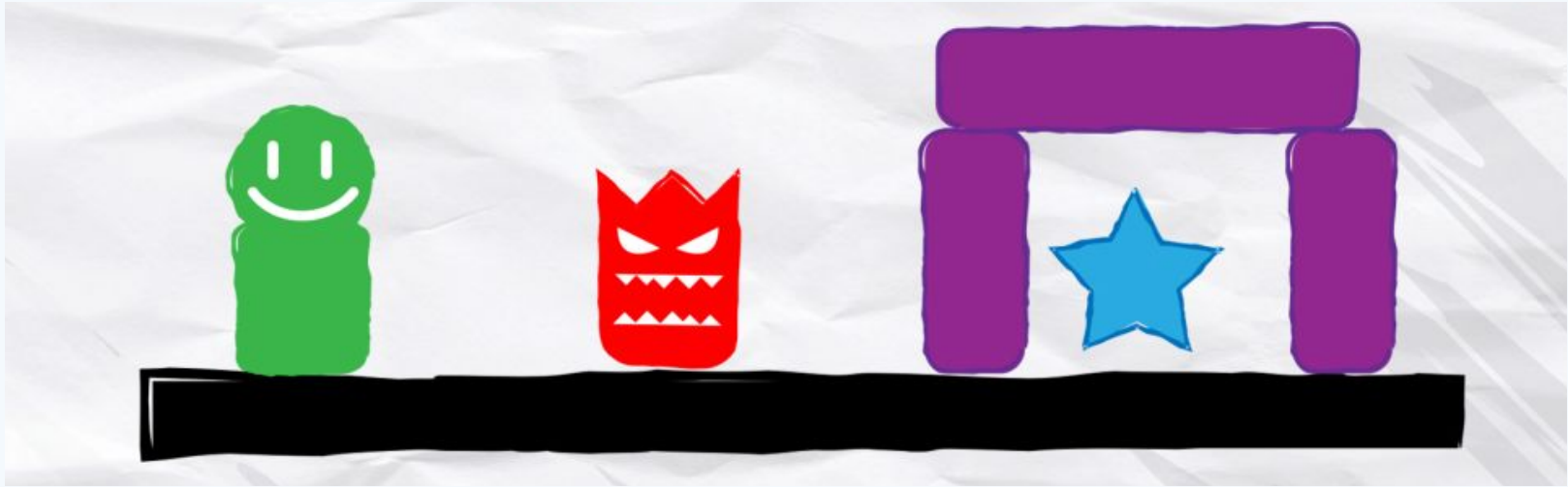
Have you ever wanted to make a video game?

With Doodlematic, it's as simple as:

- DRAW
- SNAP
- PLAY



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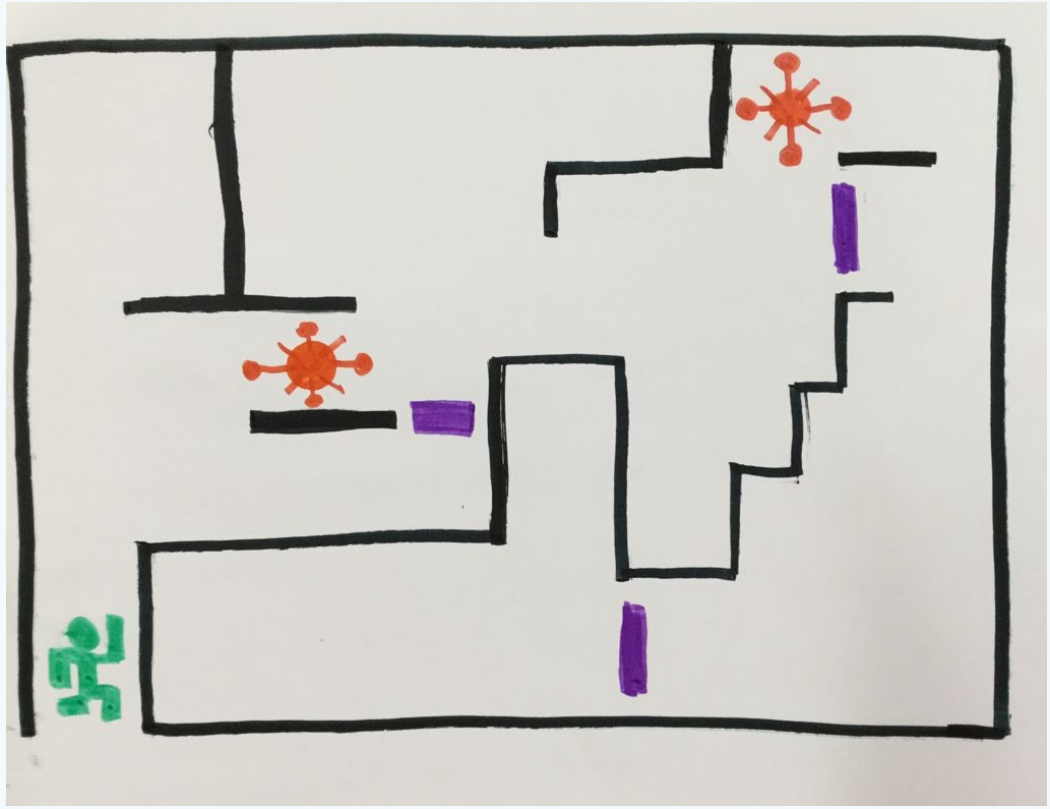
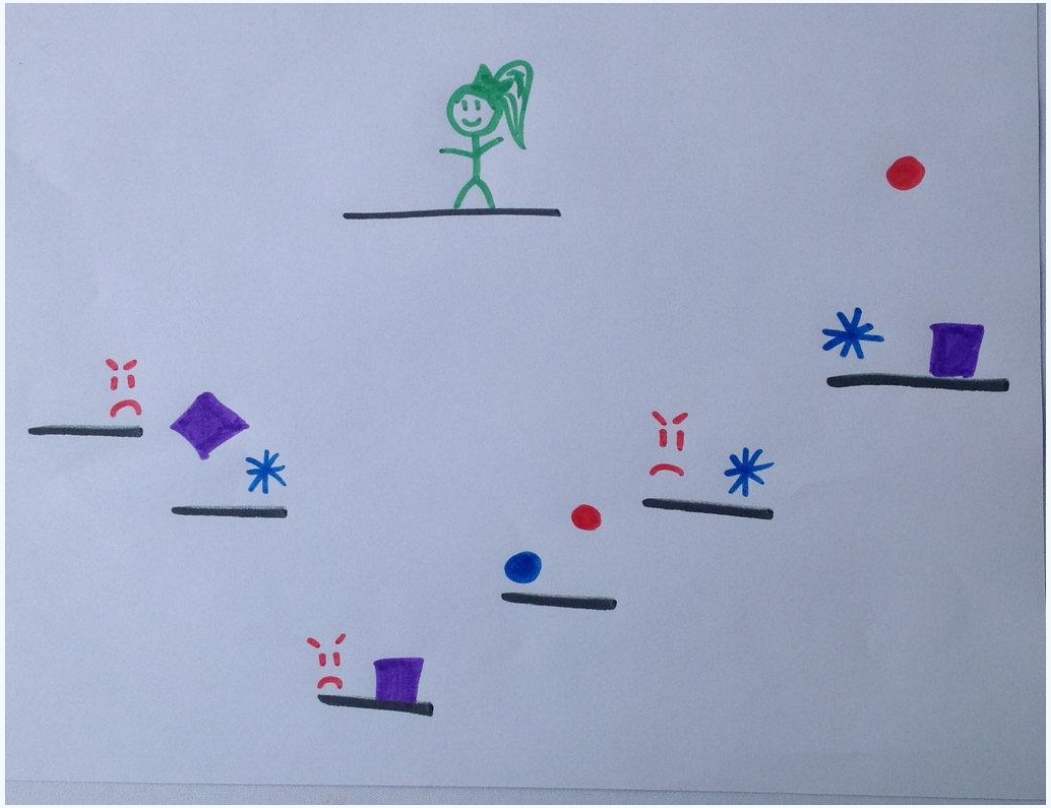
Draw Your Level :





GET TO THE GOAL

GREEN
PLAYER

RED
AVOID

PURPLE
MOVES

BLUE
OBJECTIVE

BLACK
FLOOR
AND WALLS

EXAMPLE 1

WITH
GRAVITY

SINGLE
CHARACTER

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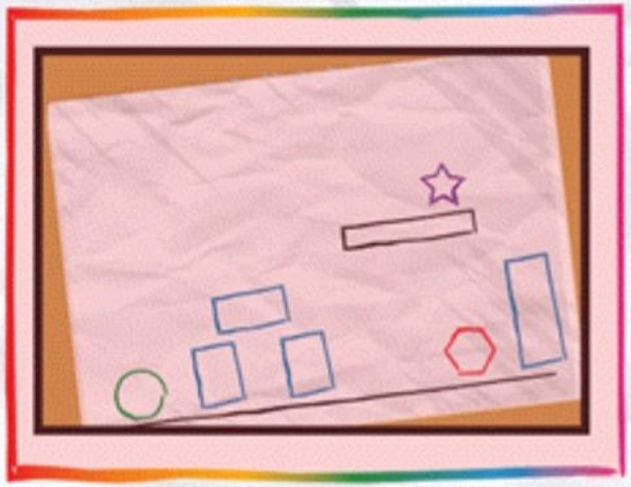
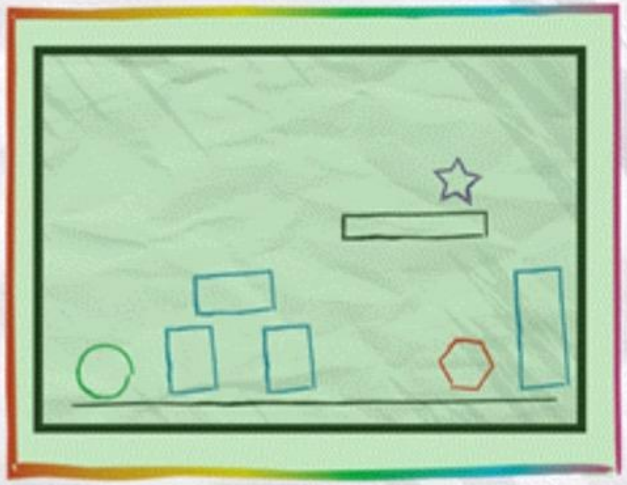
The colors determine the game object type:

Color	What it means	Example
Red	**Hazard** (Avoid)	
Green	**Player** (Avatar)	
Blue	**Goal** (Collectible)	
Black	Walls & Floor	
Purple	**Physics** (Movable)	

LINE UP YOUR PHOTO SO ONLY YOUR IMAGE IS IN THE BOX

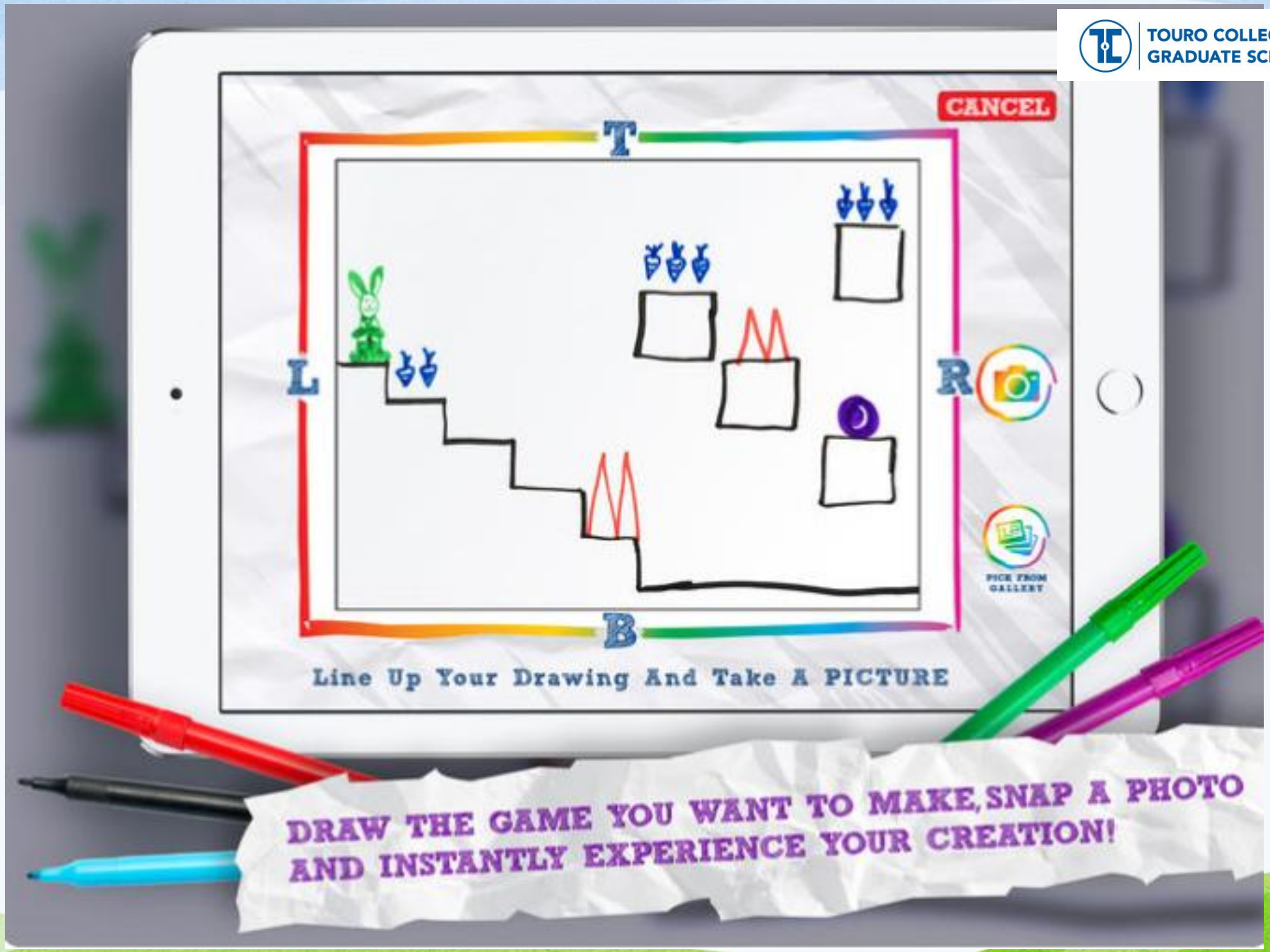


WRONG



RIGHT

MAKE SURE TO TAKE YOUR PHOTO IN A WELL LIT AREA AND AVOID SHADOWS ON YOUR PICTURE


CANCEL
T
L
R
B
PICK FROM GALLERY
Line Up Your Drawing And Take A PICTURE
DRAW THE GAME YOU WANT TO MAKE, SNAP A PHOTO
AND INSTANTLY EXPERIENCE YOUR CREATION!

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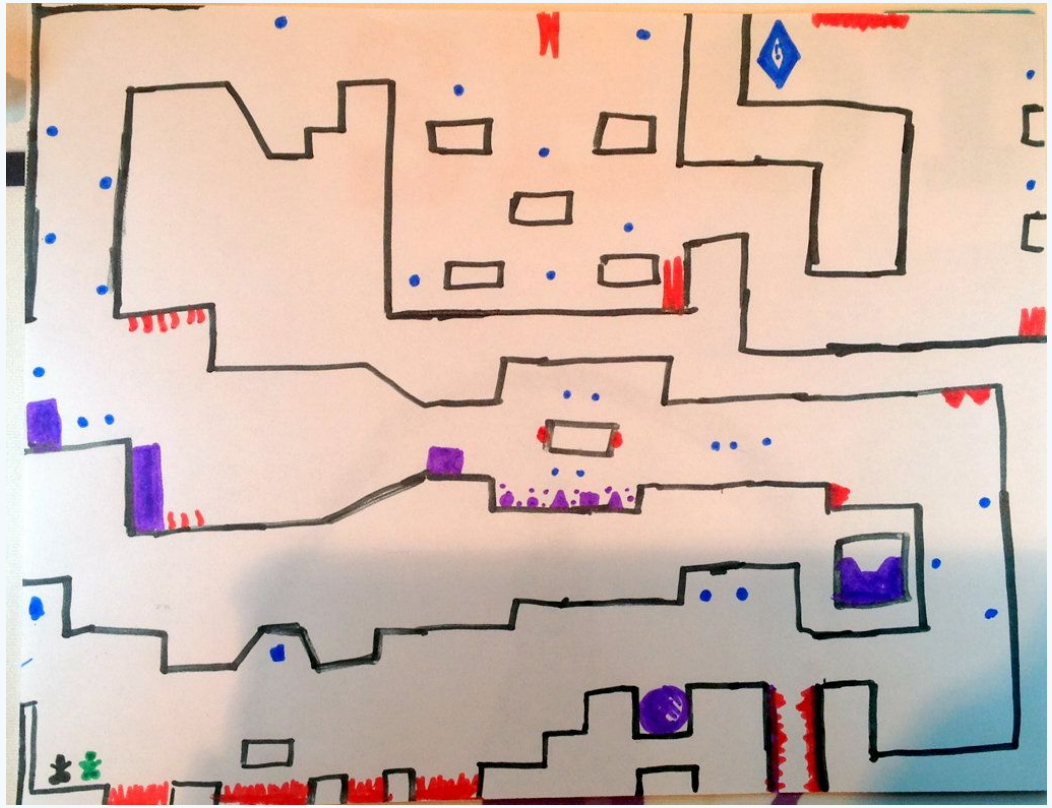
Get to the Goal:



Super Sling Shot:

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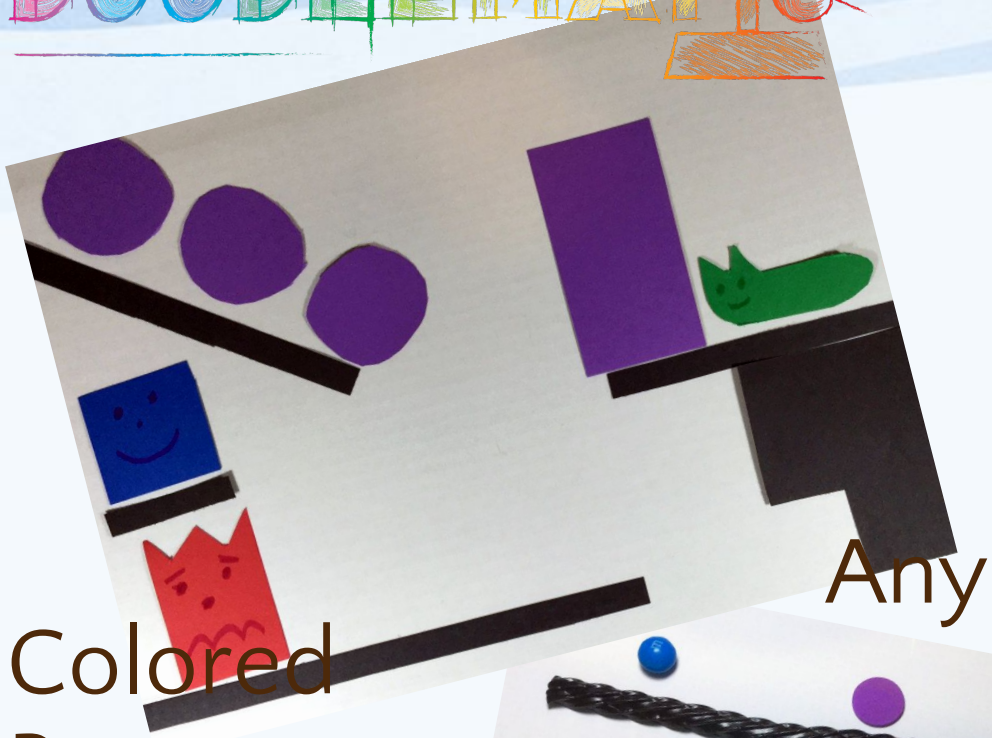
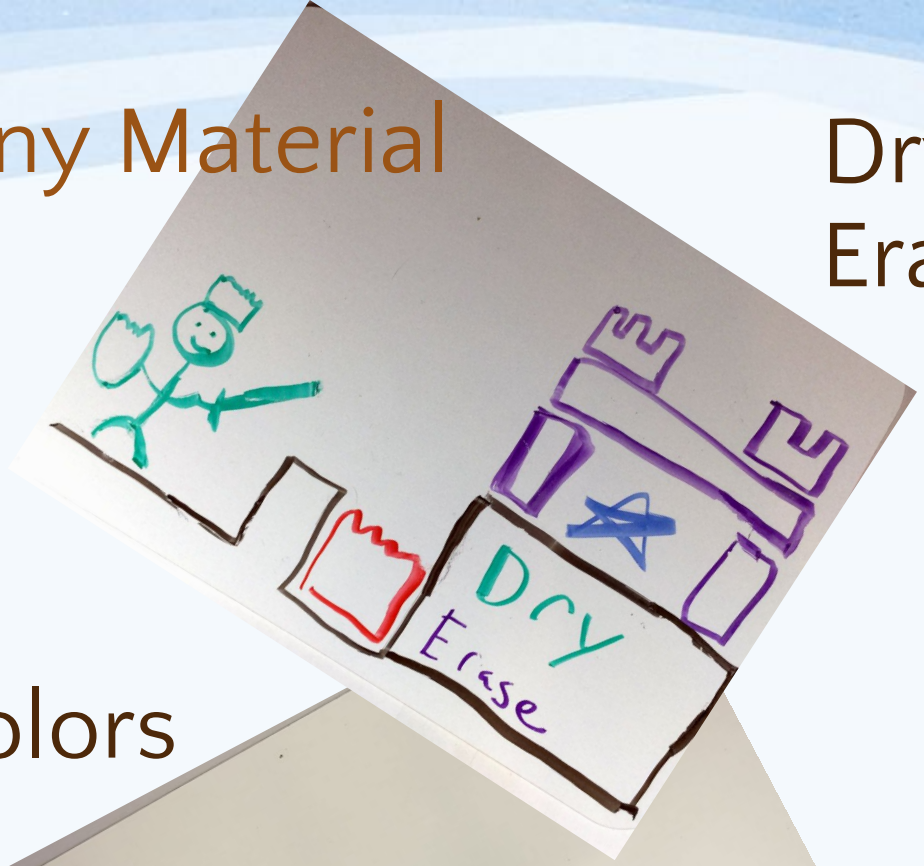
Use Any Material



Colored Paper



Dry Erase

Any Solid Colors

Foam

Clay, Plastic Toys

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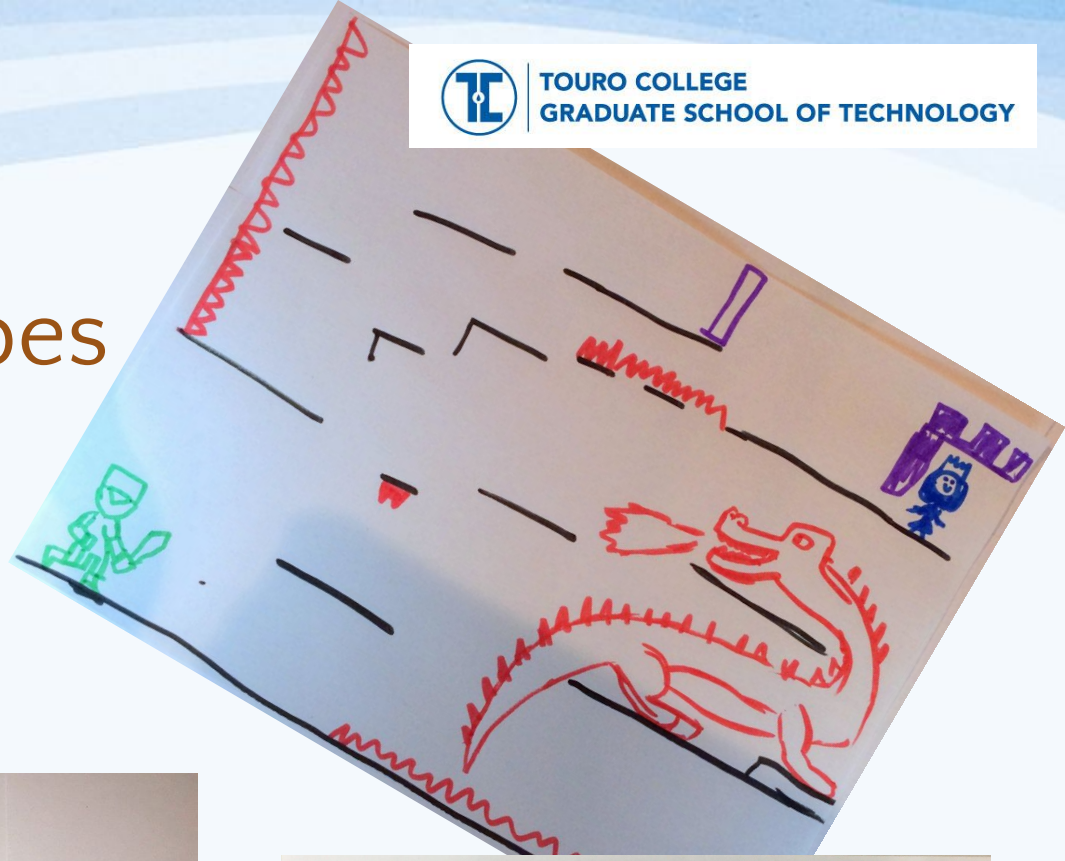
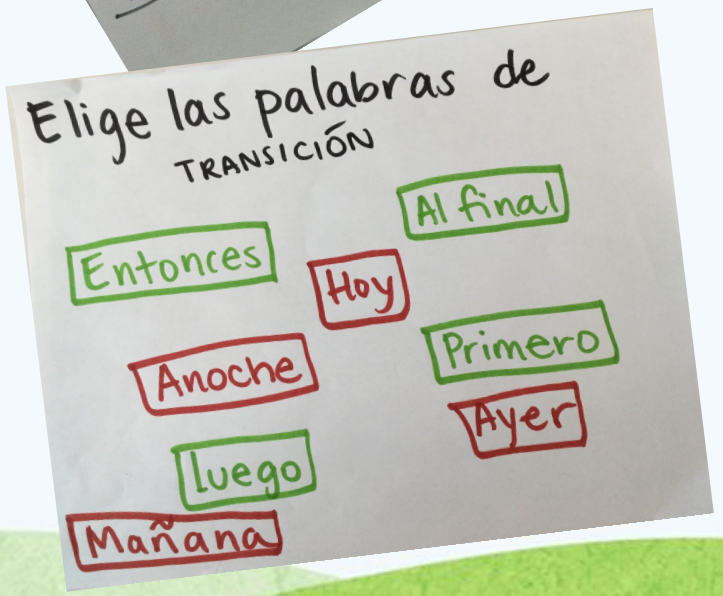
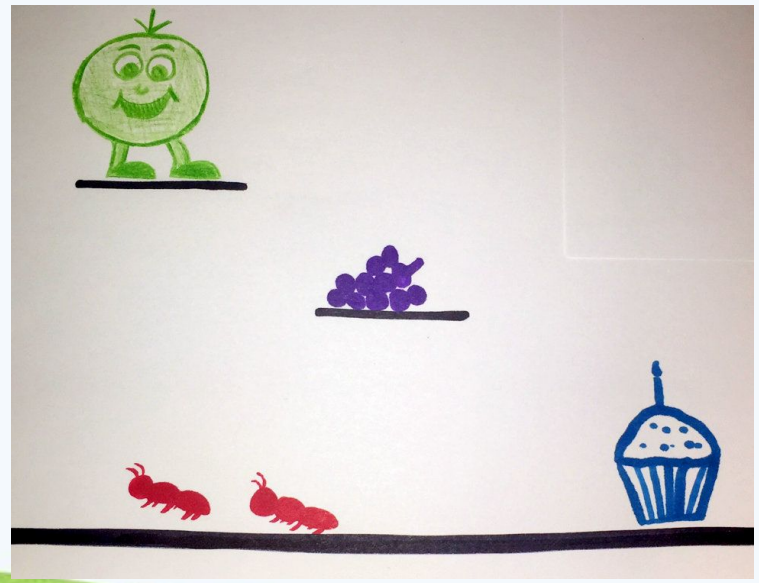
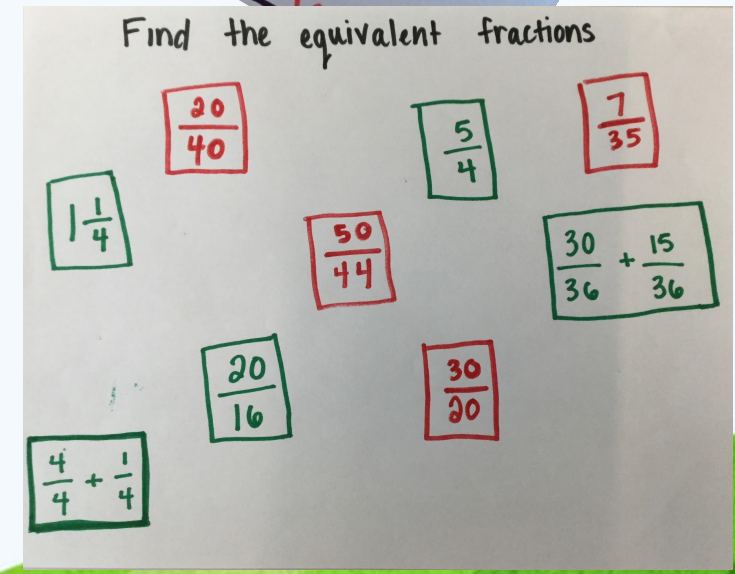
Different Game Types









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Let's Make a Game!

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- Walls and Floors
- Collect
- Player
- Moveable
- Hazard

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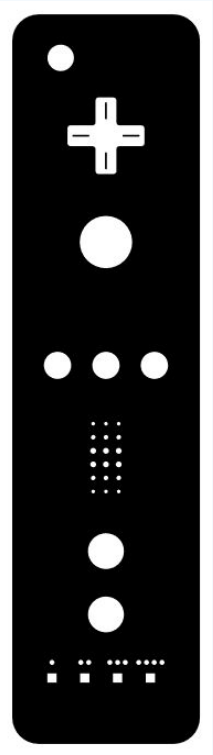
Level Game Design Tips:

- 'golden rule' of level design : *not too hard / not too easy*
- Be creative: try to tell a story with the game components
- Make sure the ***player*** is big enough to jump gaps, and small enough to fit in holes
- Don't add too many ***enemies***
- If your level doesn't work, edit it, add to it and retake the photo!



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Level Game Design Iteration:

Use Doodlematic Game Engine *PowerUps* to:

- Turn Gravity Off and see what happens to the gameplay
- Shrink and / or Move Game Objects to improve gameplay
- Add movement (rotational spin) to add interest

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After your game is drawn, click **CREATE** in the Doodlematic app

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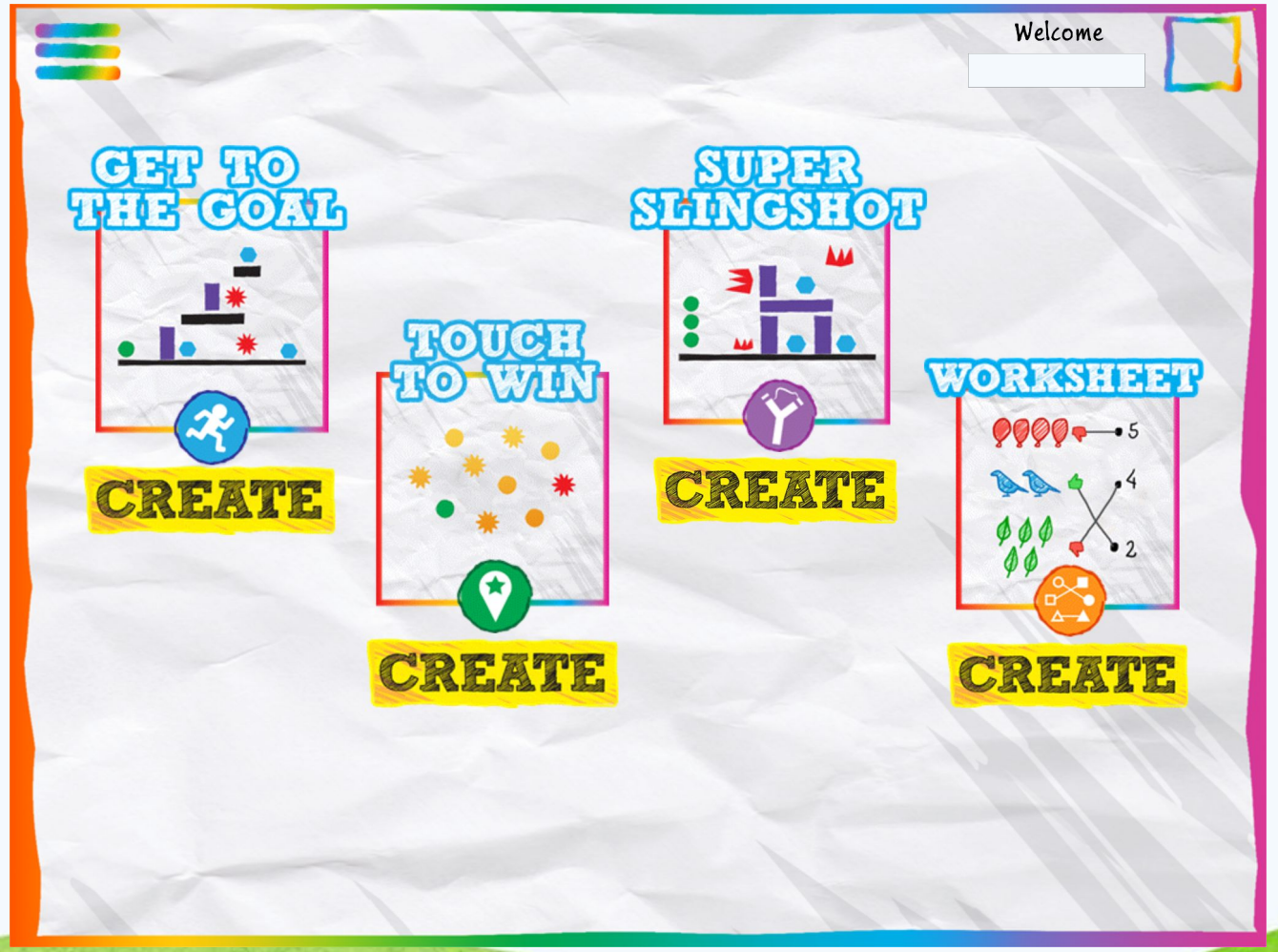
Select one of four game types:



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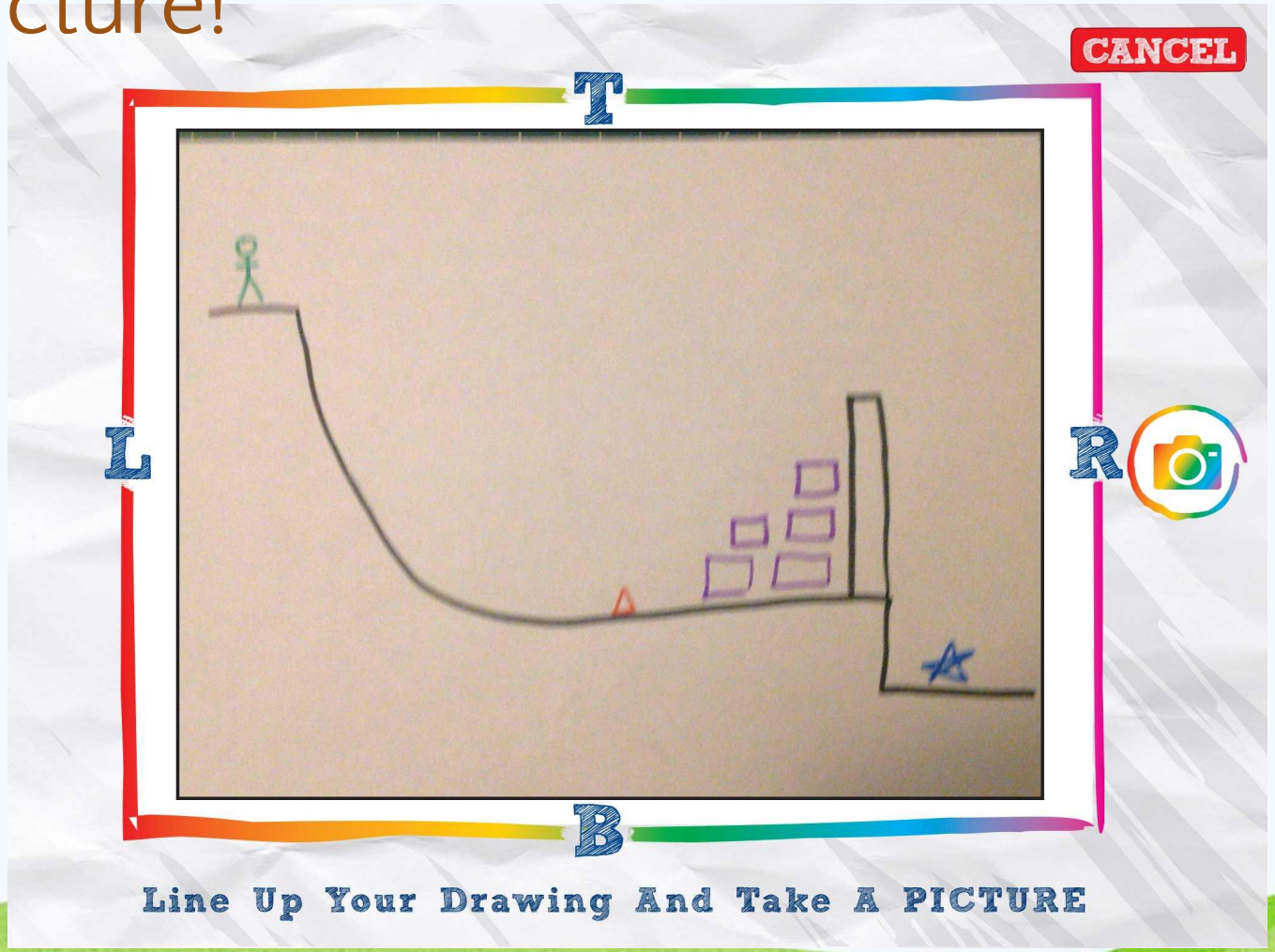
Remember to line up your paper carefully, and take a picture!



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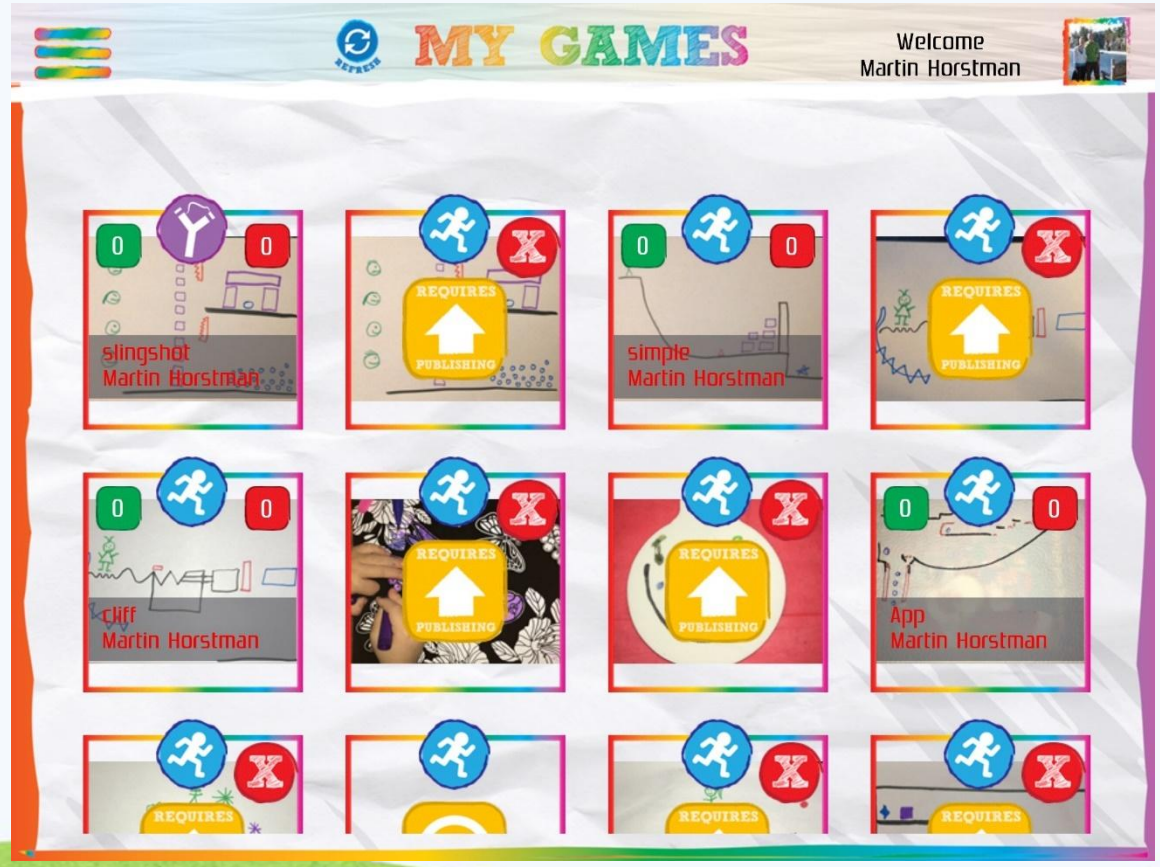
Game will show up in “My Games”. Click it to play!



What Students say about Doodlematic:

"It's super fun, and interactive!"

"I never thought I could create a video game from a drawing."

"So easy to make a video game!"

"You get to be creative and make any kind of game"

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What Teachers say about Doodlematic:

"Doodlematic is engaging for all types of students and naturally differentiates itself based on their motivation and interests."

"Makes game design accessible to all students."

"Perfect STEAM integration!"

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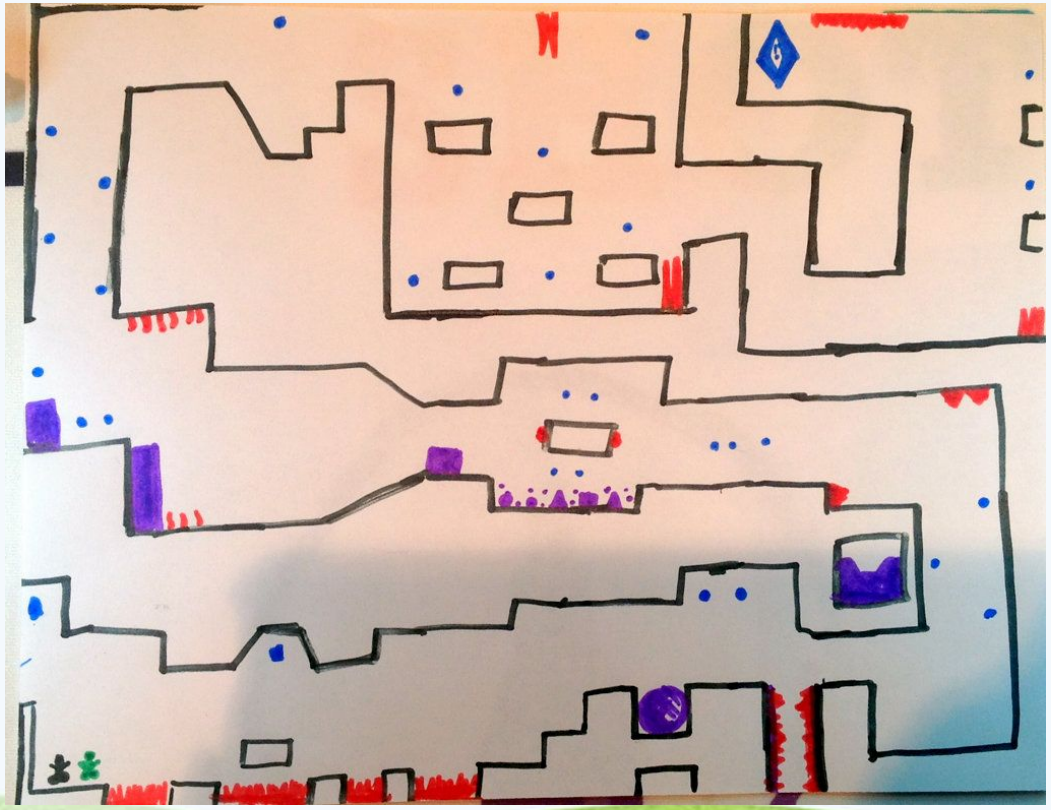
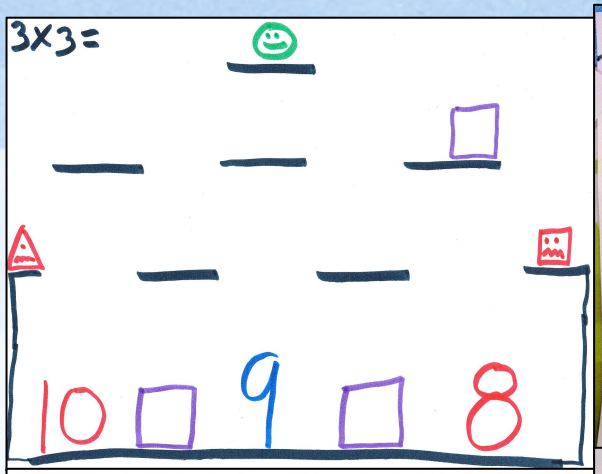
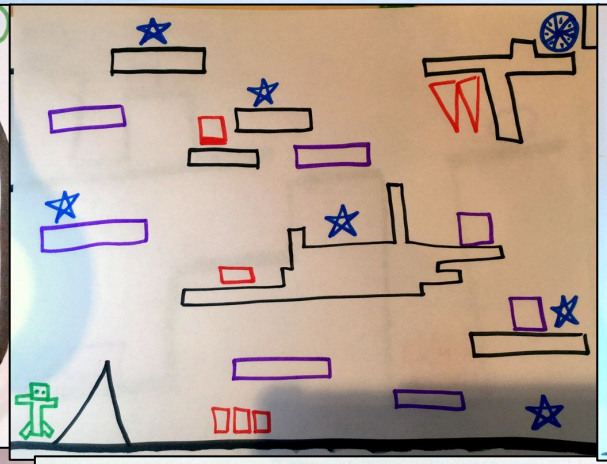
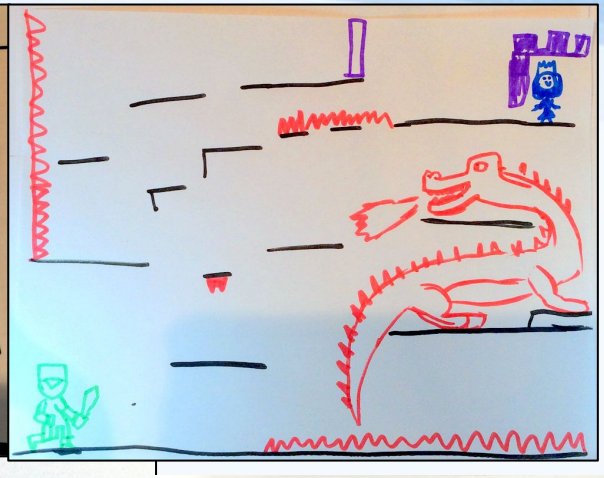
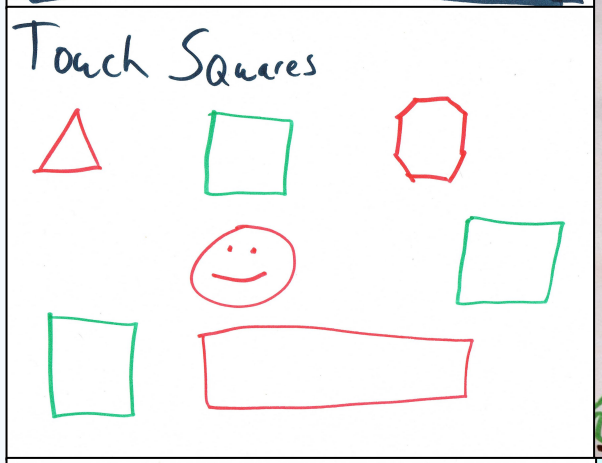
Take game design to the next level using Doodlematic!

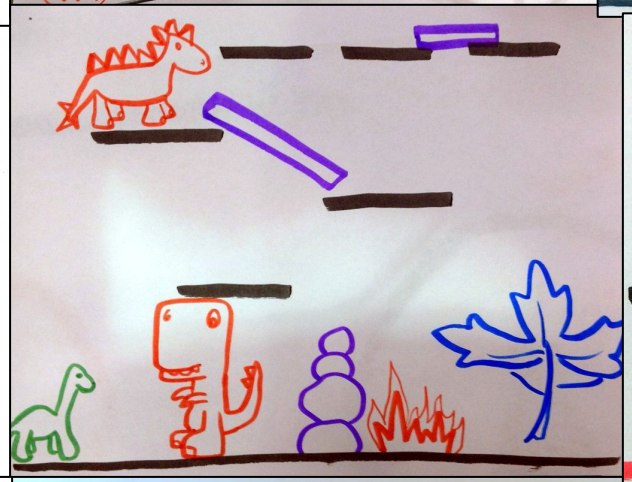


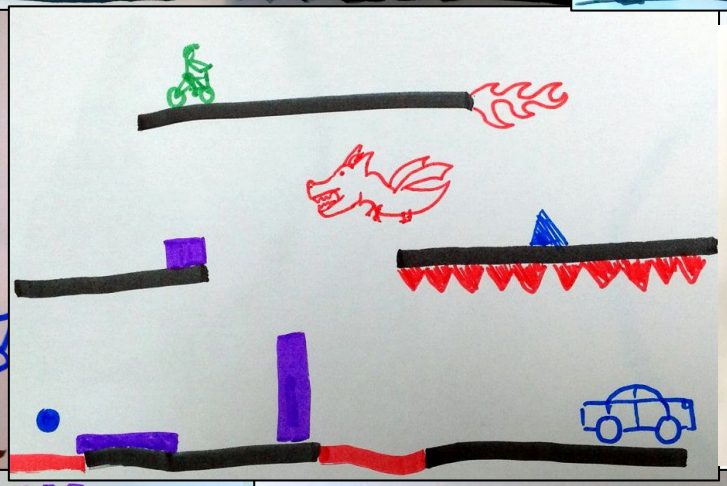


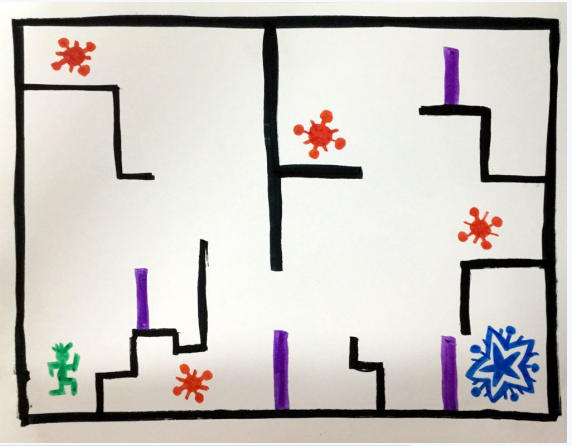


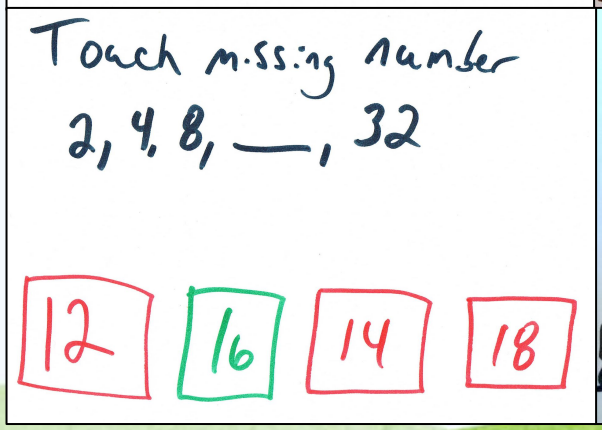


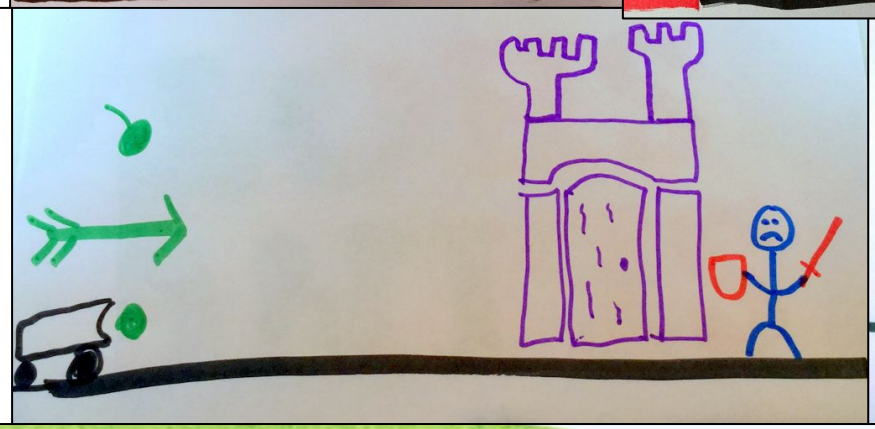


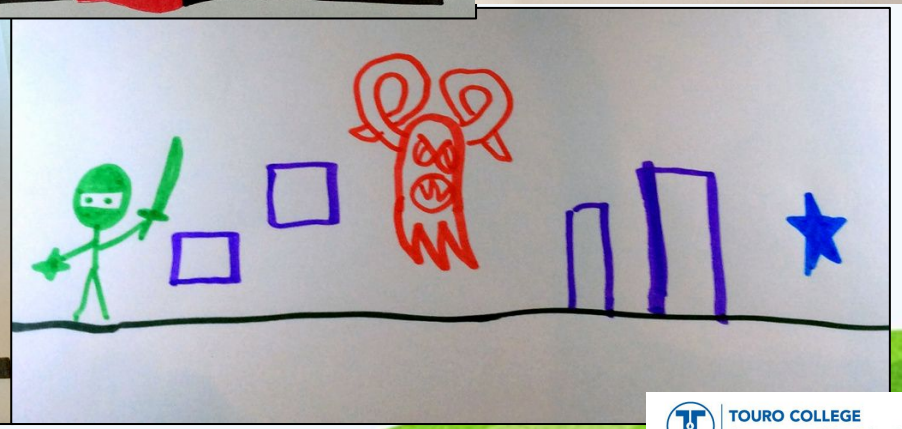












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