

Garden Girls: Jieying Lin & Vanessa Huang

Period 3

### Garden Simulator

**Game with a gardener that can interact with the environment to grow plants**

**Plant has 4 stages: bud, sprout, young, adult**

WASD to move character

1234 to equip hoe, can, fruit seeds, or corn seeds

Press E near water to fill up watering can

Click to interact with environment

Have nothing equipped to harvest

Don't step on plants

Click on button under shop to enter shop

### Functionalities:

- Character can move
- Character can equip items
- Character image and inventory selection changes based on item equipped
- Character can till land (that is in range) when hoe is equipped
- Plants can grow when watered
- Plant is killed when character steps on the same tile
- Plants can be harvested at max growth
- Harvested plants can be sold
- Must refill the can after 5 uses
- Start off with 3 seeds of fruit and wheat
- Can purchase seeds in shop

## Log

Vanessa: Adjusted and implemented assets in the game, harvesting/shop and inventory functions

Jieying: Background, Land class, character movement and interactions with land and tools

