

Clay Miller
Assignment 1

1. Mendelum
A game about a boy, a puppy and genetics.
2. Biological Sciences (Punnett squares)
3.
ORIGINAL
You are a little kid. Kind and curious.

Blank screen. You walk in from left. A dog limps in much more slowly from right. You pick up dog. Black screen.

You're in your house talking with your mom. You've carried the hurt dog here with you. Your mom tells you the dog is hurt, but that Sweetpea may have something in her store that can help.

You visit Sweetpea at Sweetpea's store. Sweetpea has a rare plant that can help. She administers a poultice to partially heal the dog. The dog begins following you, but is still limping. Sweetpea tells you to look for more plants on the mountain and then bring what you find back to her.

You go to a mountain and collect plants.

You bring the plants to Sweetpea at Sweetpea's store. Sweetpea tells you the plants you collected have green flowers instead of pink flowers. She gives you a pink flower seed and two green flower seeds. She gives you a watering can and tells you to plant seeds from the plants in the abandoned lot across from her store.

You fill up the watering can in the spring on the mountain.

You plant the seeds in the field. You water the seeds. A bee flies by. Three pink flowers grow. You pick the flowers and bring them to Sweetpea. Sweetpea heals the dog. The dog barks and begins wagging his tail. The dog runs out of the store, and you follow. Black screen.

SIMPLIFIED VERSION (FEWER LOCATIONS/CHARACTERS; SIMPLER
GAMEPLAY; EASIER TO IMPLEMENT)

You (a little kid) are standing in a house with a puppy, facing your mom. She begins to ask where you found the puppy, but stops midway and exclaims the puppy is hurt. She says your dad left a rare seed that will grow into a plant that can heal the puppy.

She walks to a chest and walks back with a sprout, which she gives to you. She tells you to plant the sprout in the field outside your house, then to talk with her again.

You go outside and walk to the tilled field beside your house. You put the sprout in the ground, and it instantly grows into a green pea plant.

You walk back inside your house, and your mother tells you that the rare pea plant she'll need to heal your puppy is pink. She tells you to pick other sprouts in the meadow south of your house, then plant them in the tilled field. If you plant the right combination of sprouts, a pink pea plant will grow.

You go outside and walk to the meadow south of your house. You pick several green sprouts. You walk to the tilled field beside your house. You plant one of the green sprouts, and it instantly grows into a green pea plant.

Both plants wither, and either a green pea plant (common) or a pink pea plant (uncommon) sprouts in the tilled field instead. You pick this plant if it's pink, or try again if it's green (unless it's GG, which you should discard). Once you have a pink pea plant, go back inside your house.

When you have a pink pea plant, your mom will notice, take it from you, make a poultice, and will heal your puppy. Your puppy will bark, wag its tail, then run out of the house. You follow. Black screen.

4. HTML5 Canvas/JavaScript