



Day Day Dream

Tag: Point-Puzzle, Casual, Education
URL: <https://lynnezzy.itch.io/daydaydream>

This is a 2D casual puzzle game based on childhood textbooks. Your mind travels among the books, roaming through the garden of knowledge.

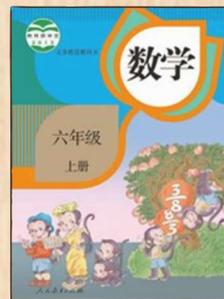
Team: 6 people
2024.9-2025.10

My Role:
Project Lead
60% Game Design
50% Programming

Skill & Tools:
Unity 2D, C#, Excel

01 Background

Inspiration



At first, we thought about making a game like “a bit of nostalgia” and “a playable book”. After an extended discussion around this theme, we found that textbooks, an object to accompany Chinese students through 9-year compulsory education, carry many memories, including the first understanding of a subject, the careless doodling in class, and the fantastic imagination of illustrations. All are very precious memories! They name “**Day Day Dream**” comes from an old Chinese saying “Good Good Study, Day Day Up”, which means study hard and improve everyday.

Target Player

Students who are learning related knowledge.

Adults who are nostalgic about school life

We hope that children can benefit from the game levels that are both educational and interesting.

We hope to evoke some common memories of our school days through the design and various details of the game, and get nostalgic and pleasant emotional experiences from them.

Feature

Game + Knowledge Puzzle

Immersive textbook environment

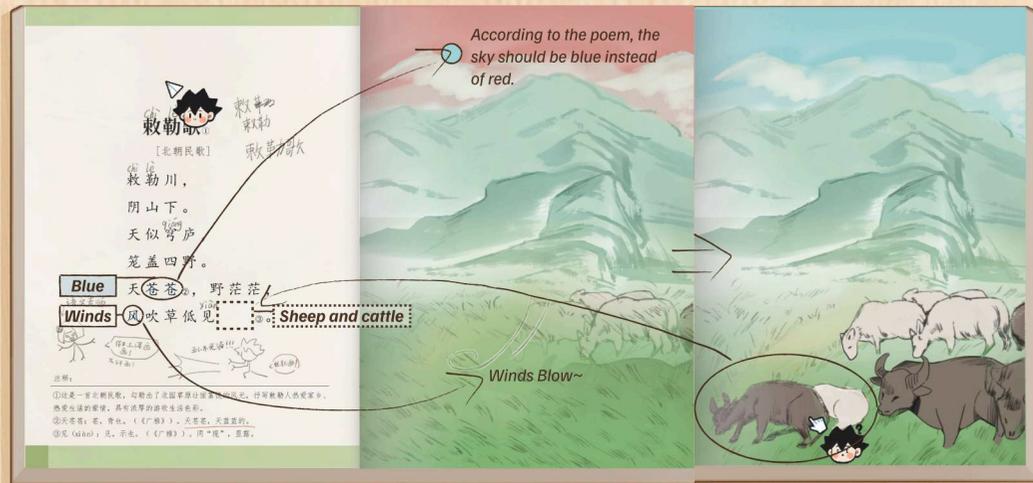
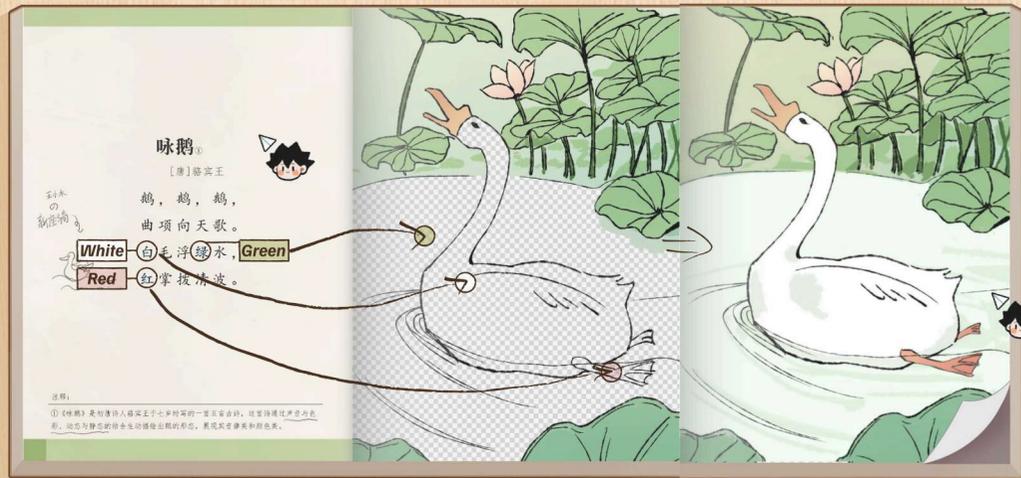
Cute Cartoon Art Style

我是天才

02 Gameplay

Chinese Levels

Poetry stresses artistic conception. You should use the artistic conception of poetry as a clue to transform "poetry" and "painting" into each other, complete the incomplete picture and poetry, and form a harmonious and complete relationship between poetry and painting, so as to deepen the understanding of poetry.

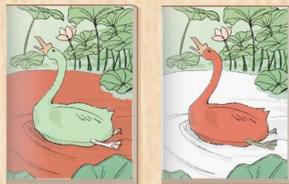


Type-1: Complete paintings by using words in poems

O Geese
by Luo Binwang

O geese, O geese, O geese!
You crane your neck and sing to sky your song sweet.
Your **white** feathers float on **green** water with ease.
You swim through clear waters with your **red** webbed feet.

In this level, after reading the poem, you will detect what is empty in the painting (**colors of the geese, feet and water**) and then drag the Chinese characters that describe the missing parts of the picture (**white, green and red**) to the illustration.



If you drag wrong colors, there will still be feedback.

Type-2: Complete poems by using items in paintings

The Folk Song of Tz'u Le
Handed down from the North-Dynasty

By the side of the rill,
At the foot of the hill,
The grassland stretches' neath the firmament tranquil.
The boundless grassland lies
Beneath the boundless **blue** skies.
When the **winds** blow
And grass bends low,
My **sheep and cattle** will emerge before your eyes.

For example, in this level, you will find **missing characters** in the poem. You should find these missing items in the painting by understanding the poem's meaning.

The missing items are "**sheep and cattle**", which emerge when the **winds** blow, and the grass bends low. So only when you drag the character "winds" to the hill and see the grass bends will the sheep and cattle show up. After that, you can drag the sheep and cattle to the left blank in the poem, and you will see the characters "sheep and cattle" show up.

This level is a little bit hard because other than simply dragging items that already exist in the painting, players should understand the dynamic process of the poem and simulate it before they find the missing objects.

02 Gameplay

Chinese Levels

悯农二首(其一)^①
[唐]李绅
春种一粒(粟) **Seed**
秋收万颗 **Rice(yields)**
四海无闲田,
农夫犹 **Die**

哇哈哇哈
明年
办公室!!
完全
办室!!

注釋:
①这首诗形象地描绘出农民们辛勤劳动, 硕果累累却最终被贪官压榨成灾的残酷景象。
②粟: 泛指谷类。

还有三亩地的呢!
哼, 这才是良民嘛~

Type-3: Complete poems and paintings to simulate the poem plot

Sympathy for the peasants by Li Shen

Each **seed** when sown in spring,
will make autumn **yields** high.
What will fertile fields bring?
Of hunger peasants **die**.

The level "Sympathy for the peasants" expresses extremely directly the deep meaning of the poem that even though the peasants had lots of yields, they still died of hunger due to the government's squeezing.

You should drag "seeds" to the fields and wait for them to grow as rice.
Then, drag the rice to the blank of the poem.

But now, the puzzle is not figured out, as there are still **two blurred characters**
In the meantime, you will see the **landlord** asked the peasants to hand in all his yields, and you have to drag all the rice to the officer's place regardless of how miserably the peasant begged.

02 Gameplay

English Levels

Players convert existing items into words, then split and reassemble the words to generate new items to complete the puzzle.

UNIT 5 Have dinner

1. Drag the item to the box to break down into words.

How to eat the noodles?

hat

Let's learn some words

Word List

- chopsticks 筷子
- dinner 晚餐
- dish 盘子
- fridge 冰箱
- hat 帽子
- ink 墨水
- noodles 面条
- sandwich 三明治
- spicy 调料
- spoon 勺子

Let's spell them

ink sandwich fridge spicy spoon

单词卡

UNIT 5 Have dinner

How to eat the noodles?

Let's learn some words

ha sandwich
fridge p e
in o n

Let's spell them

chopsticks

2. When click this, item will be generated.

3. Drag the item to proper place.

UNIT 5 Have dinner

Yummy!

dish chopsticks

Let's learn some words

a an w
fridge pi e
in on

Let's spell them

UNIT 5 I have a Dream

I want to see the true rainbow...

cloud

I want to eat more apples...

apple tree butterfly stone

Let's learn some words

Let's spell them

UNIT 5 I have a Dream

What a beautiful rainbow!

1. Dye the rainbow with "purple" & "blue".

t a
tone

Let's spell them

2. Generate "seed" & put here.

UNIT 5 I have a Dream

What a beautiful rainbow!

How can I help the seed grow?

Let's learn some words

c o t fly
t ton rainbo

Let's spell them

3. Generate "water" to water seed.

UNIT 5 I have a Dream

What a beautiful rainbow!

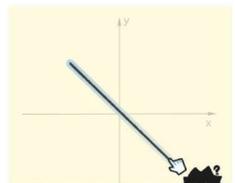
02 Gameplay

Math Levels

1 一次函数

学习目标
了解一次函数的表达式，熟悉直线特性。

例1 一次函数 $y = \frac{1}{2}x$



拓展思考
你有怎样的学习心得呢？

$y = kx$
① 当 $k > 0$ 时，直线斜向上 /
② 当 $k < 0$ 时，直线斜向下

拓展思考
你有怎样的学习心得呢？

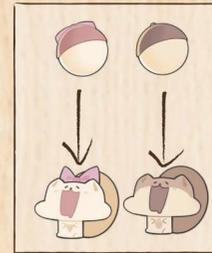
$y = kx$
① 当 $k > 0$ 时，直线斜向上 /
② 当 $k < 0$ 时，直线斜向下

Knowledge: If the expression has a positive sign, the line slopes upward to the right; if the expression has a negative sign, the line slopes downward to the right.

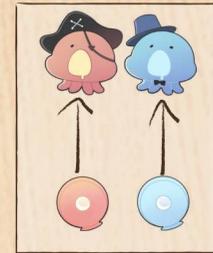
1. Goal

Generate ideal function images by adjusting the parameters of the function and put them in proper places as tracks for the food(balls) to roll to the animals' mouth(destinations).

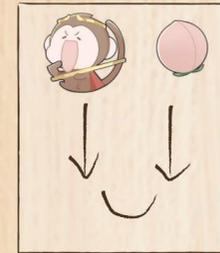
2. Ball & Destination Types



Ball: Gravity down ↓
Destination: Fixed



Ball: Gravity up ↑
Destination: Fixed



Ball: Gravity down ↓
Destination: Gravity down ↓

拓展思考
你有怎样的学习心得呢？

$y = kx$
① 越大，直线越陡！
② $k = 0$ 时，
③ $k = 1$ 时，
④ $k = -1$ 时，

拓展思考
你有怎样的学习心得呢？

拓展思考
你有怎样的学习心得呢？

Knowledge: The larger the absolute value of the parameters, the steeper the line.

Linear function line level

拓展思考
你有怎样的学习心得呢？

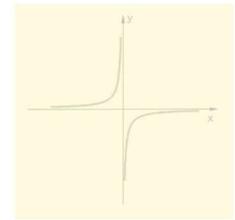
拓展思考
你有怎样的学习心得呢？

拓展思考
你有怎样的学习心得呢？

Quadratic function parabola level

学习目标
了解反比例函数的表达式，熟悉曲线特性。

例3 反比例函数 $y = \frac{1}{x}$



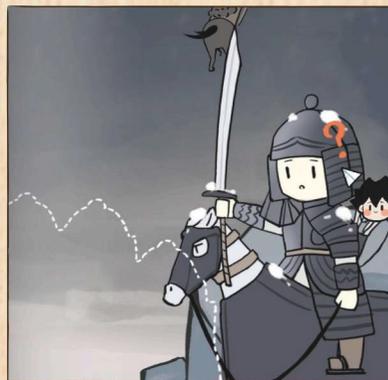
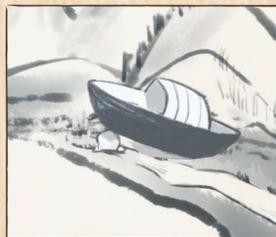
拓展思考
你有怎样的学习心得呢？

拓展思考
你有怎样的学习心得呢？

Inverse proportion function hyperbola level

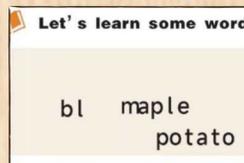
03 Main Improvement

Feedbacks for incorrect interaction



When players do incorrect interaction, there will still be feedbacks.

Interaction Feelings



Instead of dragging the letters in the spelling box, players now can spell the word just by clicking the letters in the word box.

Also, when players put items in word box, the generated words will stay in slot, making it neat.

Story Clips



Our storytelling is basically accomplished through desktop arrangements and doodles in textbooks, gradually revealing the story of the textbook's owner without disrupting the player's gaming rhythm. You can see Xiaomu Wang, an energetic elementary school student who loves comics, always shows his whimsical ideas, life anecdotes, and youthful troubles in his textbook doodles.

