# Elderly

## Person-to Person Communication Device

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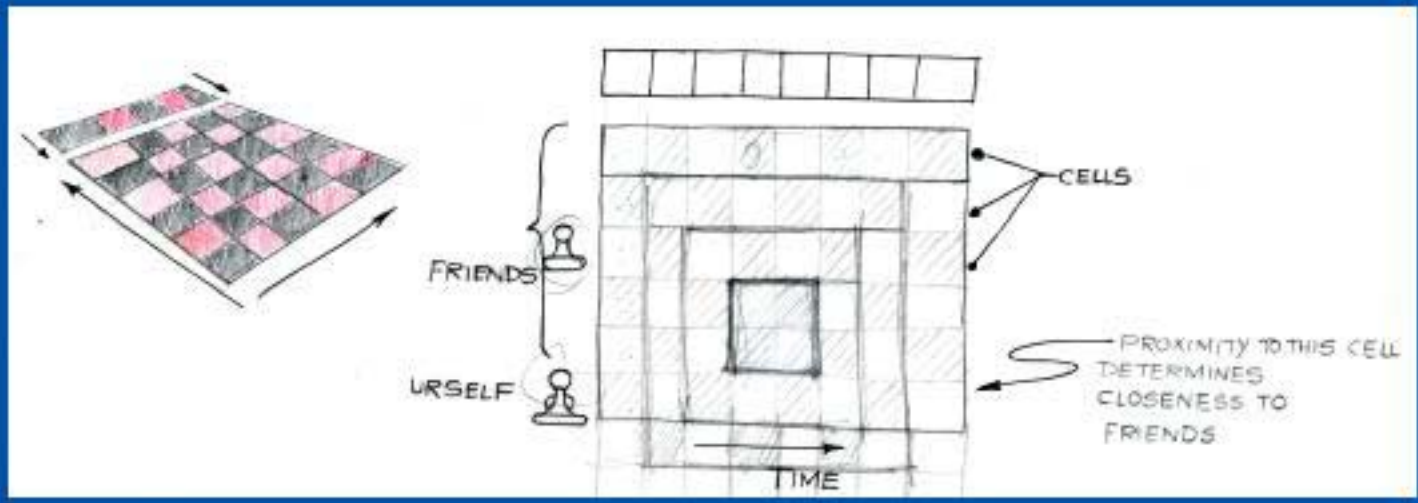
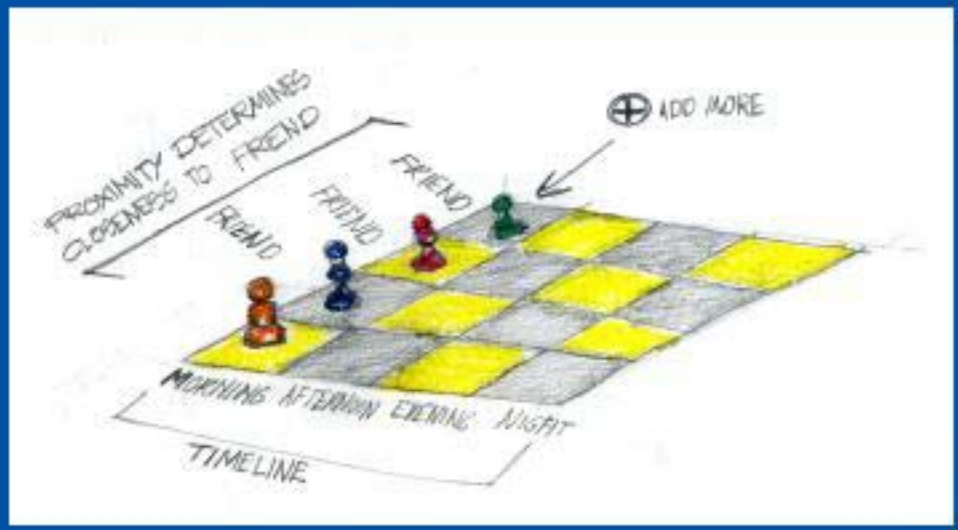
## Metaphors that underlined early solutions

- Chess Board – a board game where players move forward
- Photo Frame – A way of cherishing memories through pictures

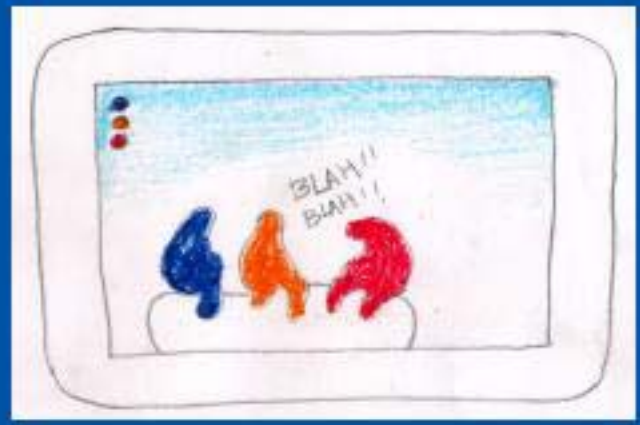
## Chess Board Organiser

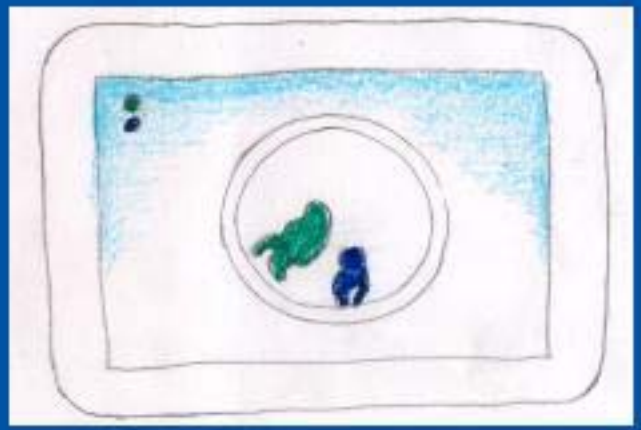


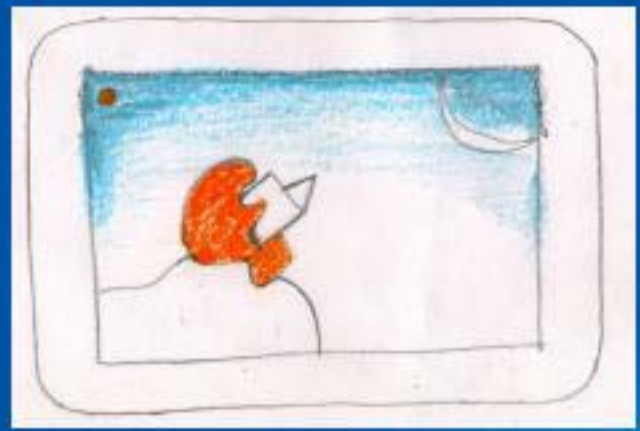




# Concepts

# Digital Photo Frame (planner)





Concepts

## Trees

- Associated with being stable and wise especially old trees
- Birds and animals live in and around it
- Children play around trees – making swings from their branches
- People sit around trees to chat and relax
- It provides shade and shelter from all sides
- There is a mini environment around the tree
- We also have tree houses

## The Banyan Tree

- The national tree of our country
- Sacred and taken care of for the Gods
- Shrines are built under them
- Considered immortal and is an integral part of the myths and legends of India
- Has inspired great poets, sages and other spiritual people
- Grown in the 16th century along the Grand Trunk Road as rest spots for travelers
- A focal point in villages as the 'village council' meets under the shade of this tree
- The noble and hospitable Banyan provides a safe and friendly environment
- Cool and shady

# The Banyan Tree

## Biological description

- Belongs to the Fig tree family
- Also known as "Many footed ones" or "The tree that walks"
  - New roots grow from all its branches, pushing into the ground and forming new trunks.
- Blossoms with small yellow fruit which come in pairs
- Wood is porous
- Just one tree or if it is made up of several trees
- A small forest in itself

## ANALOGIES

**The Banyan Tree & The Elderly**

• People sit under the banyan tree for its shade and serenity, we sit around the elderly when they tell us a story or when they give advice.

• Just as the wood of the banyan tree is soft and porous we revere the elderly for their experience and knowledge

• They spread their wisdom just as the banyan tree spreads around the forest

• We put forth the elderly before anything else just like we do to the banyan tree

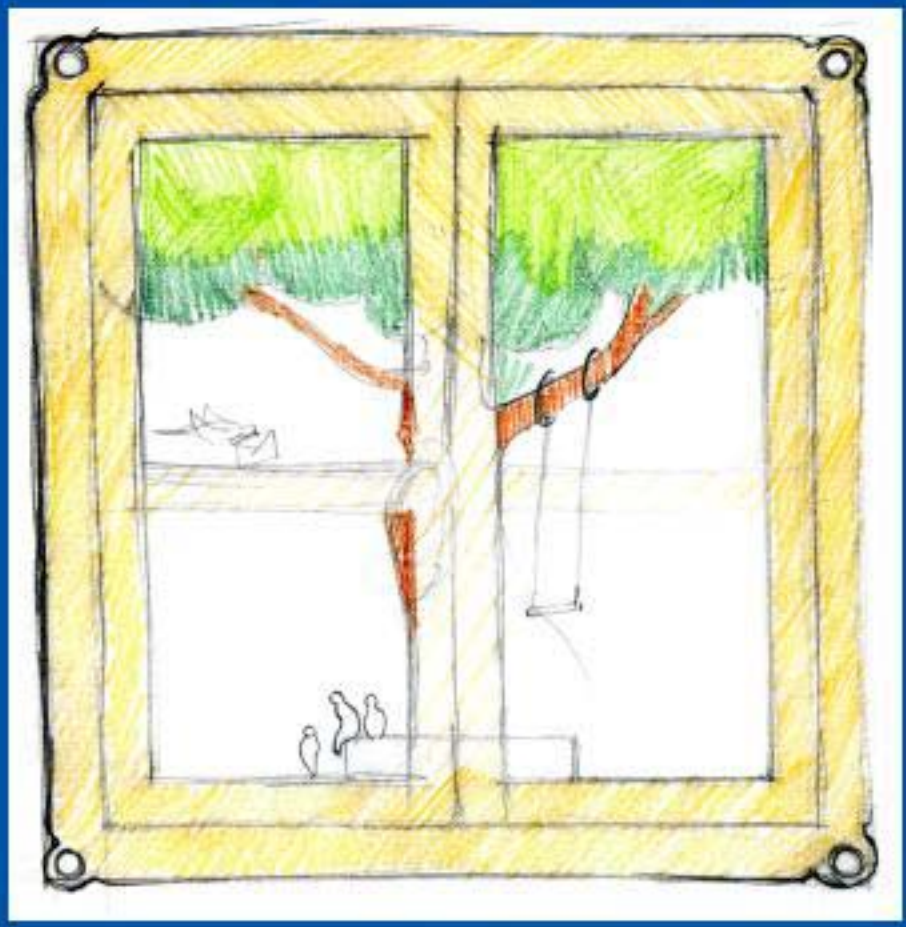
• We build shrines at the foot of a banyan tree and so do we respect the elderly and take their blessings by touching their feet

# Concepts

## The Banyan Tree

## Wisdom Window

A digital window which opens into the outside world but at the same time into your personal environment which constitutes your family and friends.

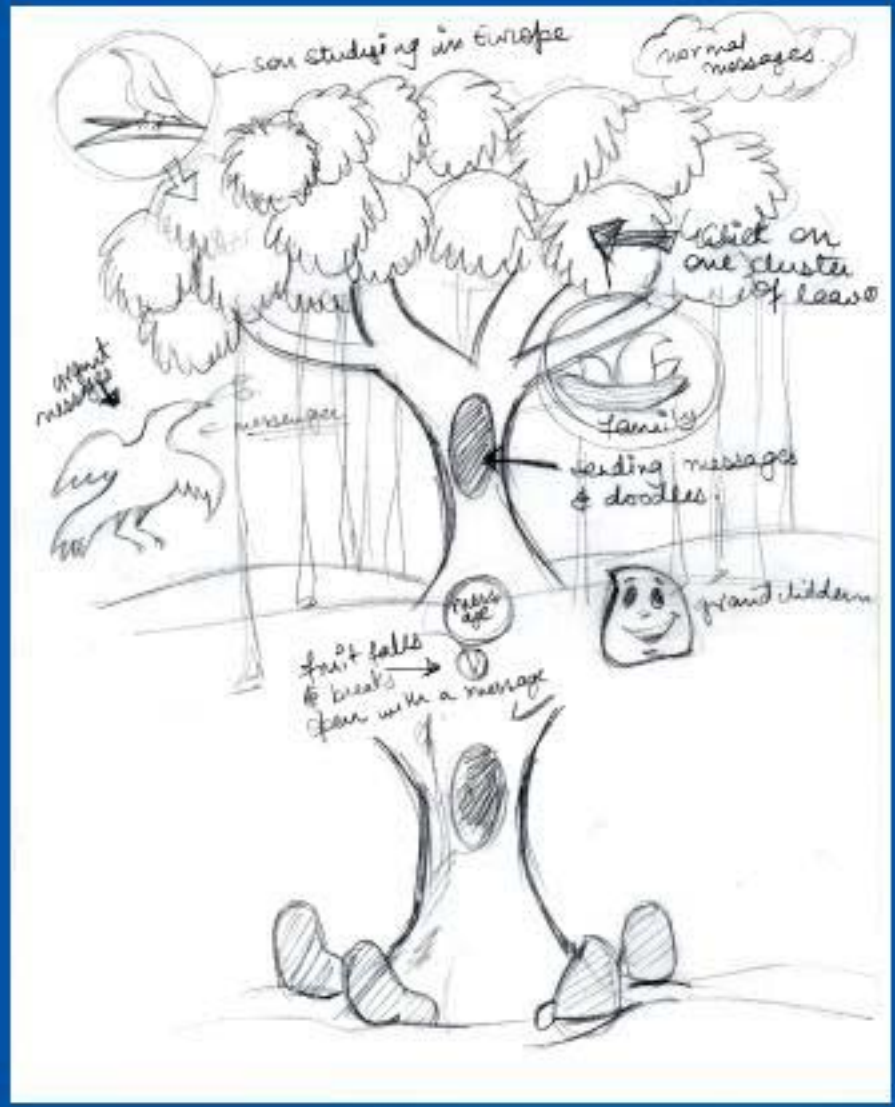


# Concepts

## The Wisdom Window

## Features

- Send / store messages
- Doodle
- Send images and pictures
- Send sound and vibrations
- Meet, talk and discuss with family and friends (group discussions)
- Graphical representations of people



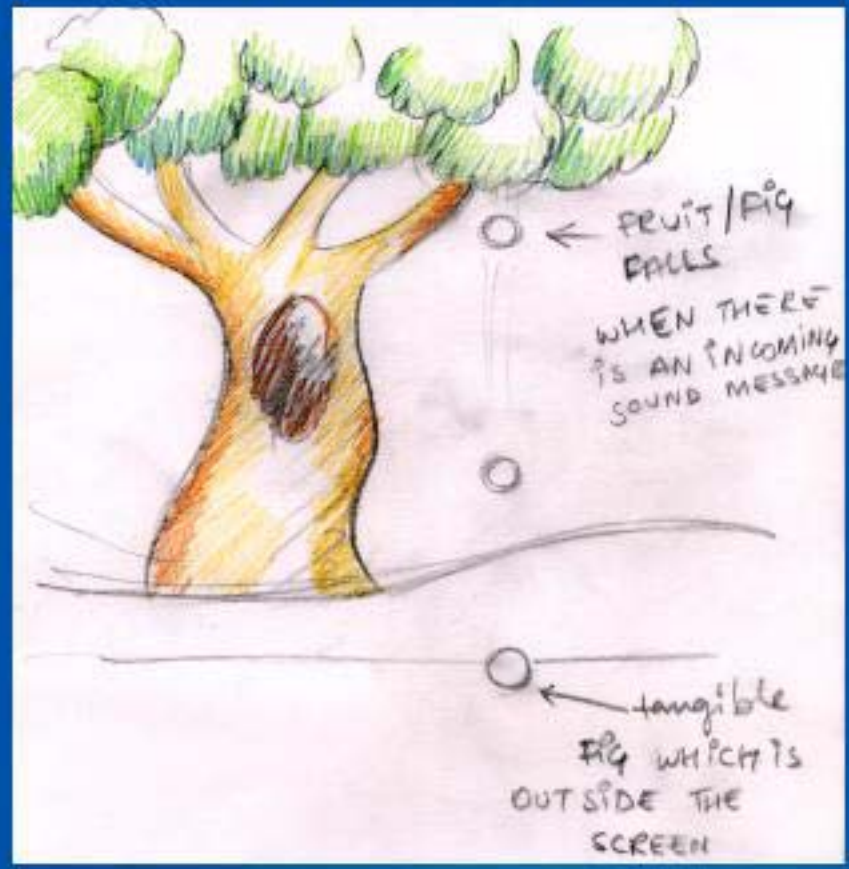
# Concepts

**Environment**

- Cluster of leaves (each cluster represents different groups)
- Birds/clouds (messengers)
- Bee hives (storage for messages, dates etc.)
- The tree hollow is a place where u can doodle messages
- Family is represented by a nest which has abstract birds (more like blobs) for each member
- When friends join in for discussion they are represented by blobs and sit around the tree
- Messages are sent in the form of the yellow fruits that fall and break into text bubbles.
- Memo Monkey keeps store of notes & reminders

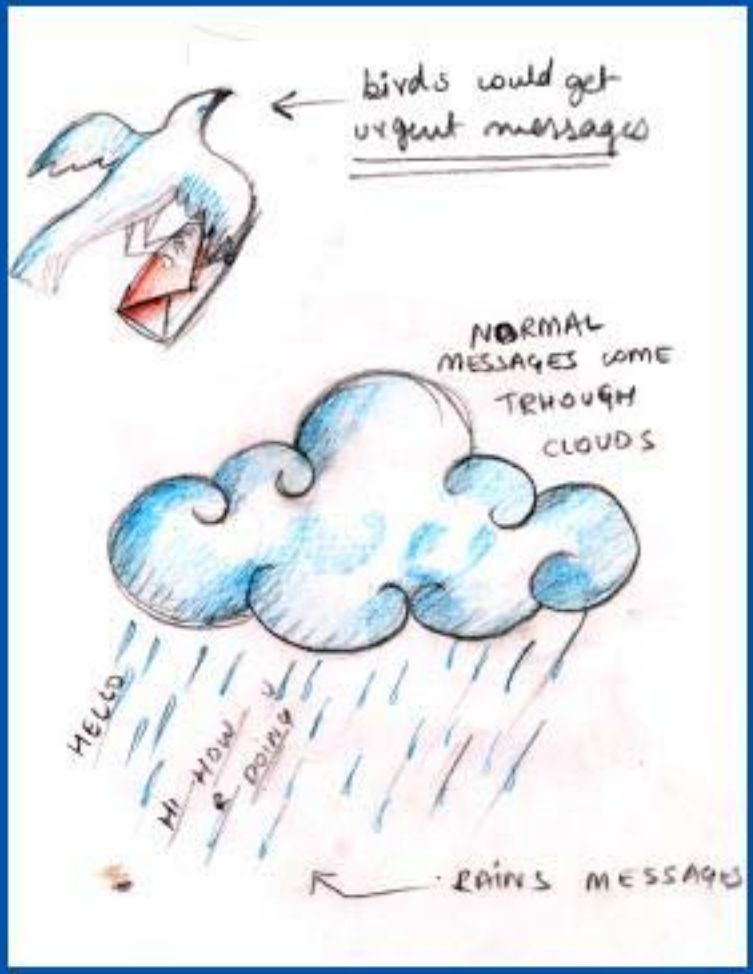
# Concepts

## Environments



# Concepts

## Environments



# Concepts

## Representations of trees

# Concepts

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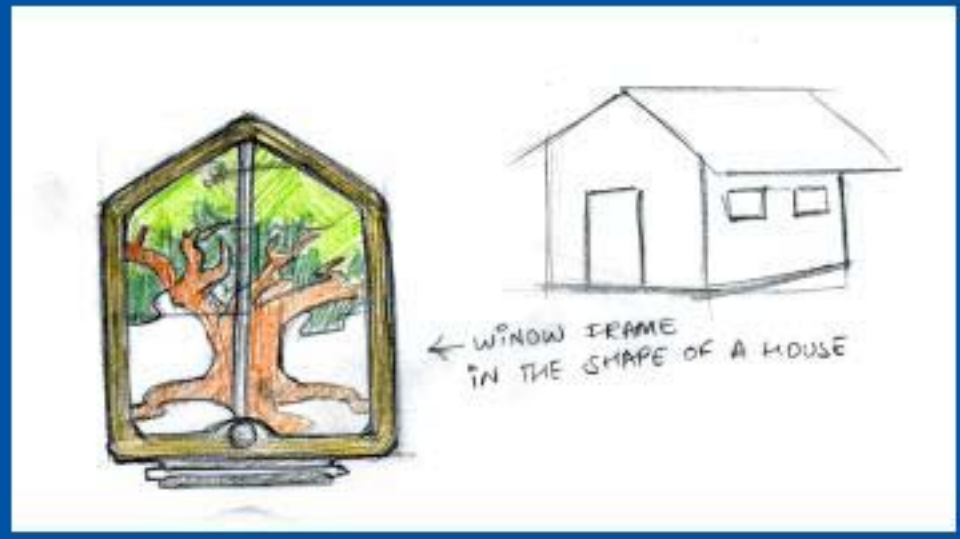
Concepts

# Concepts

## Representations of Windows

A traditional Rajasthani window with Meena work



# Scenario

Grandma has just finished doodling a pickle recipe to Suman who is in Australia

# Scenario

Rahul who has just graduated from College. He wants his grandma to listen to his convocation ceremony that he recorded a day earlier.

# Scenario

Rahul plugs in the FIG which then sends the recorded sound to his grandma

# Scenario

Grandma listens to the sound that is downloaded onto her Fig and is surprised at what she hears

# Scenario

"So who is the girl who seems to be even more excited about you graduating"

# Scenario

"Oops I sent the wrong message"

Scenario

Rahul sends the right message this time.

# Scenario

Grandma now listens to the entire convocation ceremony and is really proud that Rahul has graduated as an OUTSTANDING STUDENT

# Scenario

"I am so proud of you beta... Hope you pay attention to your studies a little more at this point.... And would love to see this girls picture sometime... you will soon be of an appropriate age to get married"

# Scenario

"Yesss Grandma"

# Scenario

"God Bless you my son". Grandma sends him flowers as a form of blessing.

# Scenario

Grandma adds the audio to her memory branch....

# Scenario

Which grows in length as it adds to existing events.

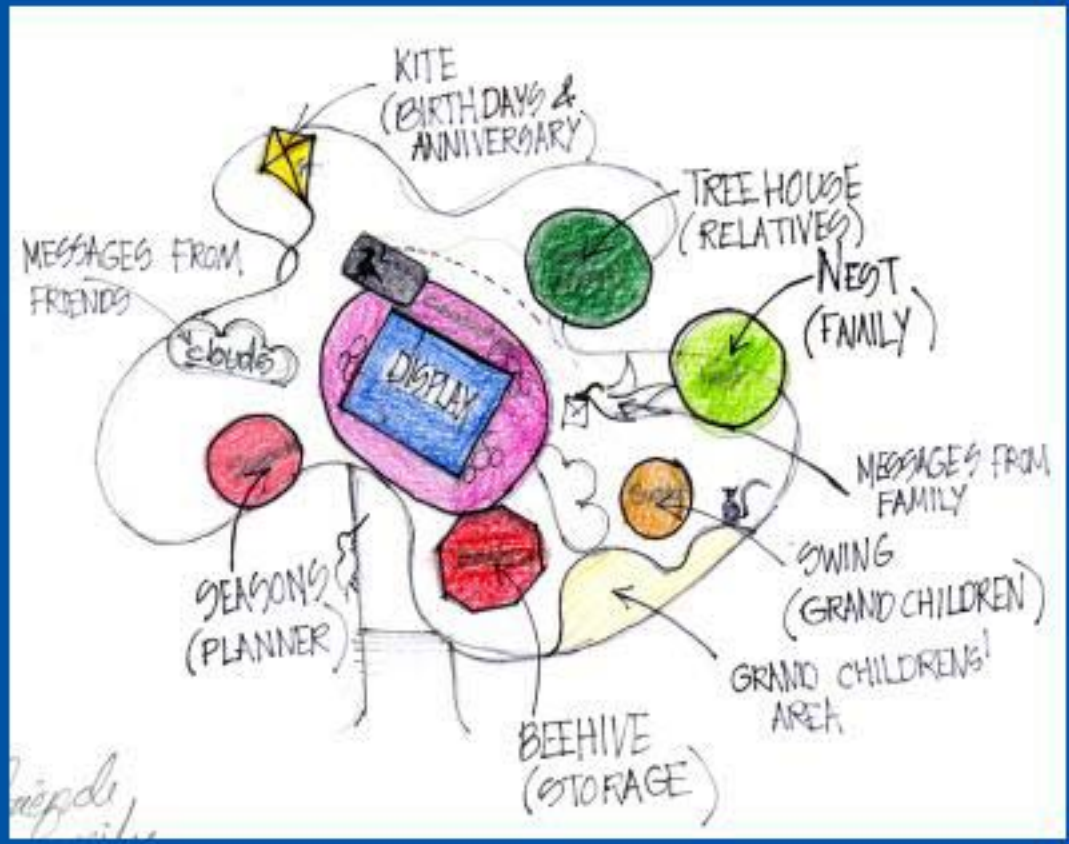
# Alternate Concepts

## The Canopy

A table which is in the shape of a tree. The table top is an interactive area where one can access different areas of activity.

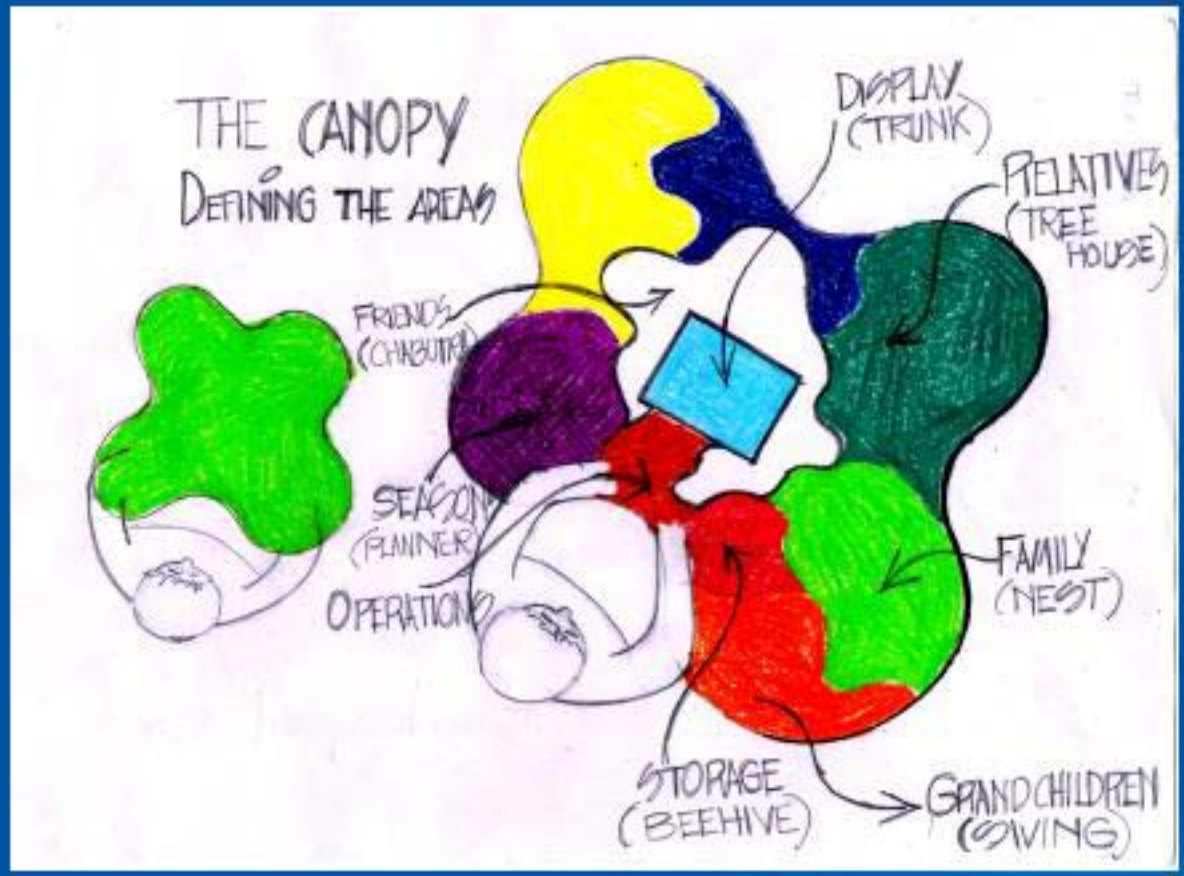
One can send messages, plan the upcoming week, and have an inventory of family, relatives and friends.

There is a special area where they can interact with his/her grand children



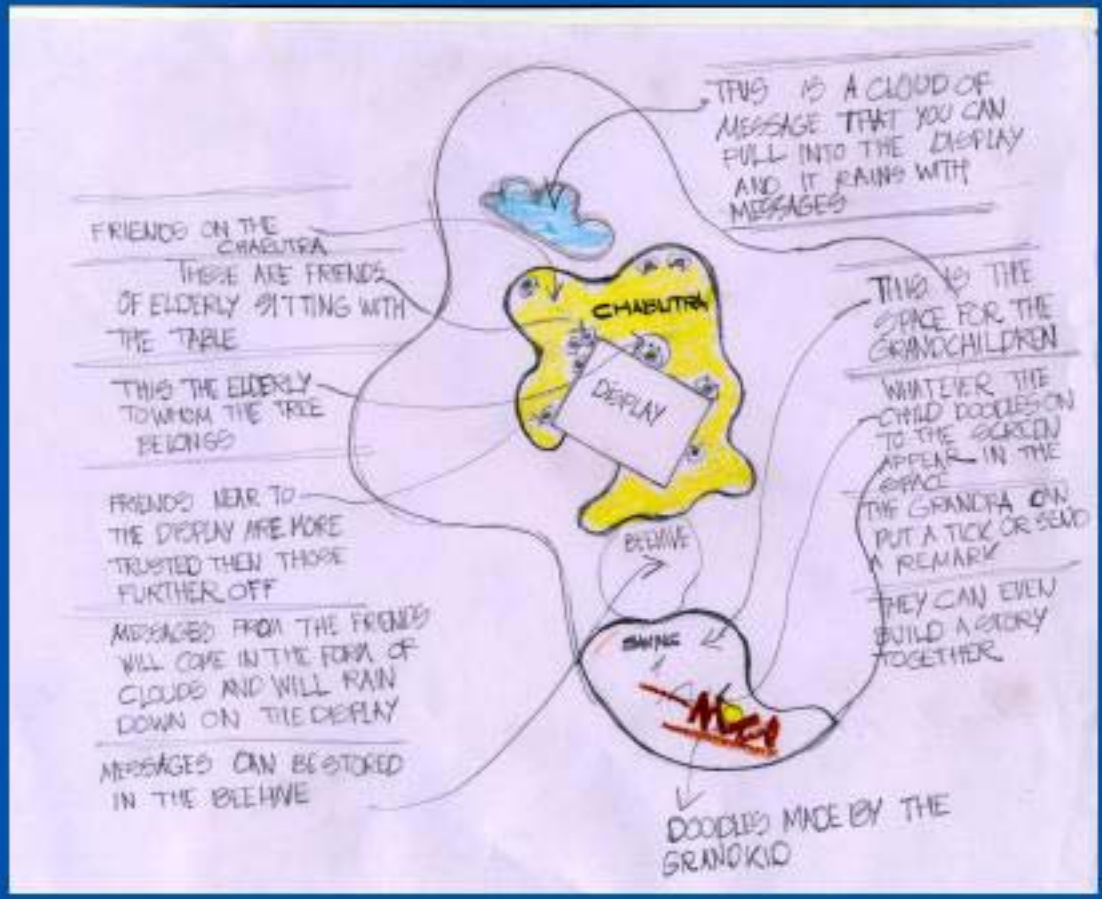
# Concepts

## The Canopy



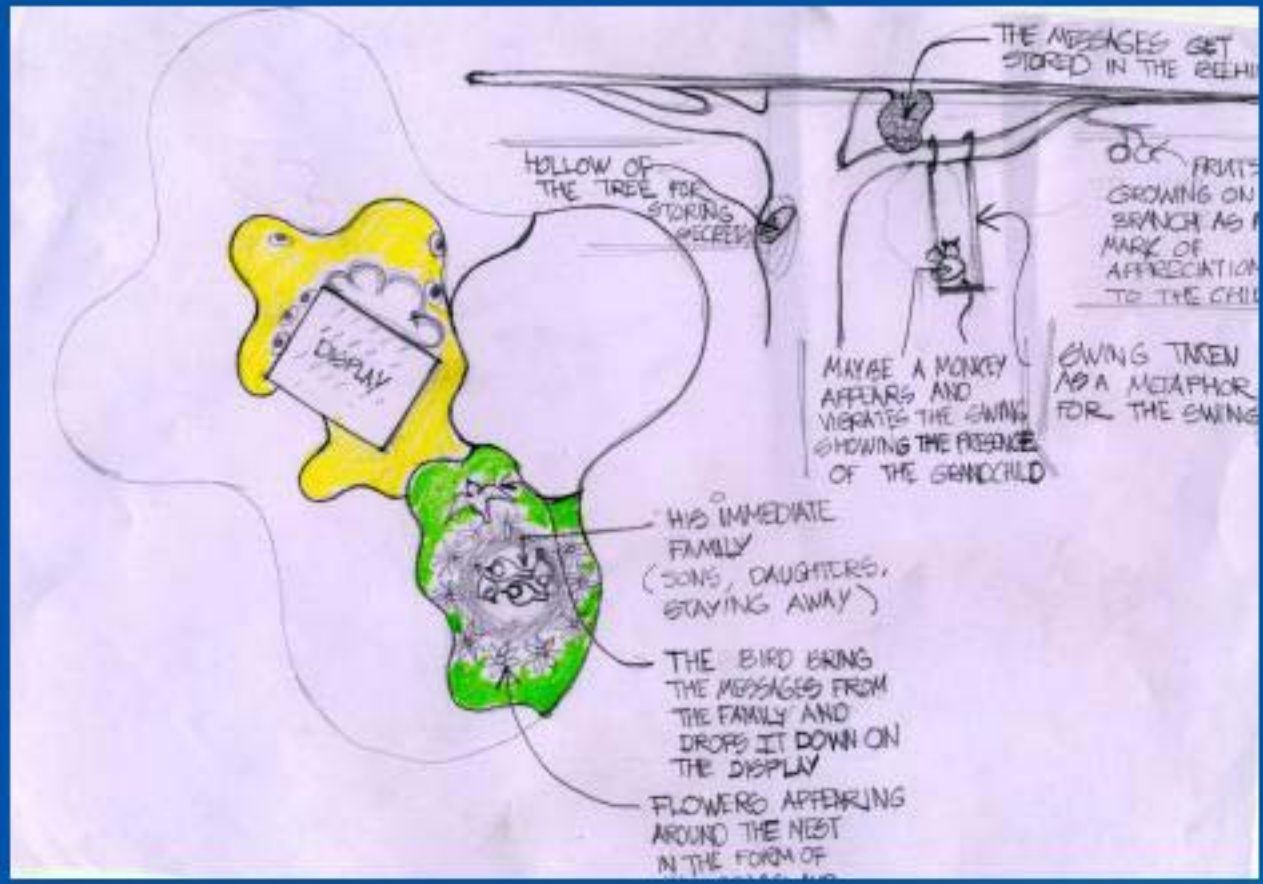
# Concepts

## The Canopy



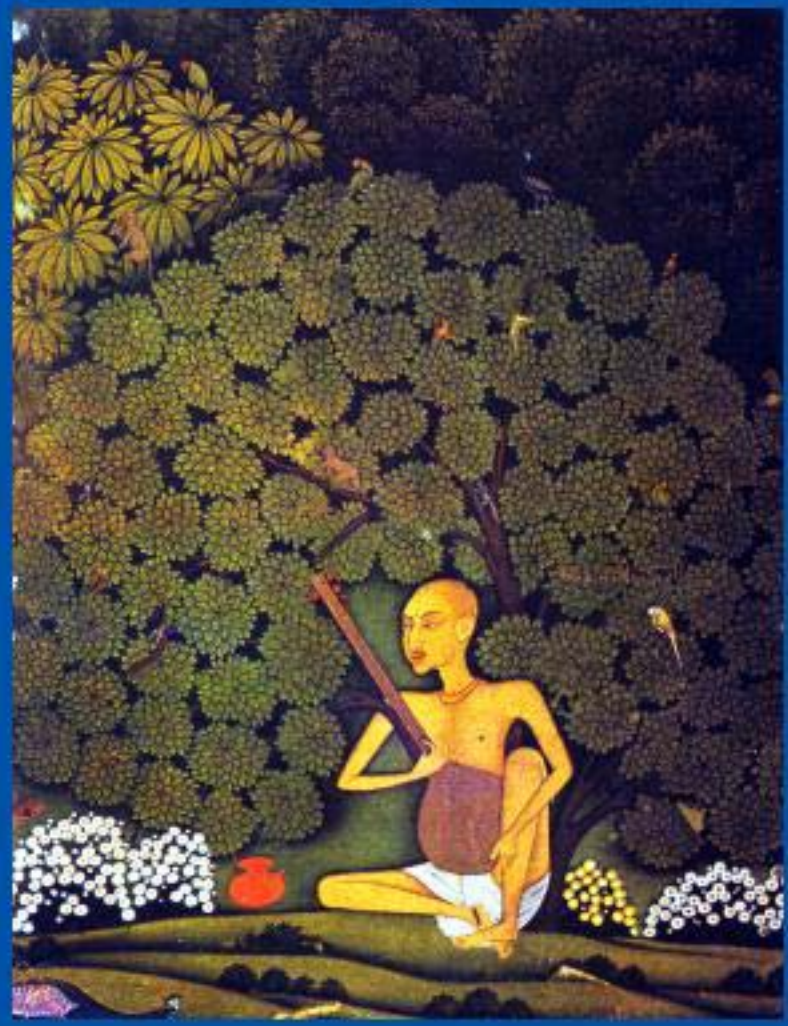
# Concepts

## The Canopy



# Concepts

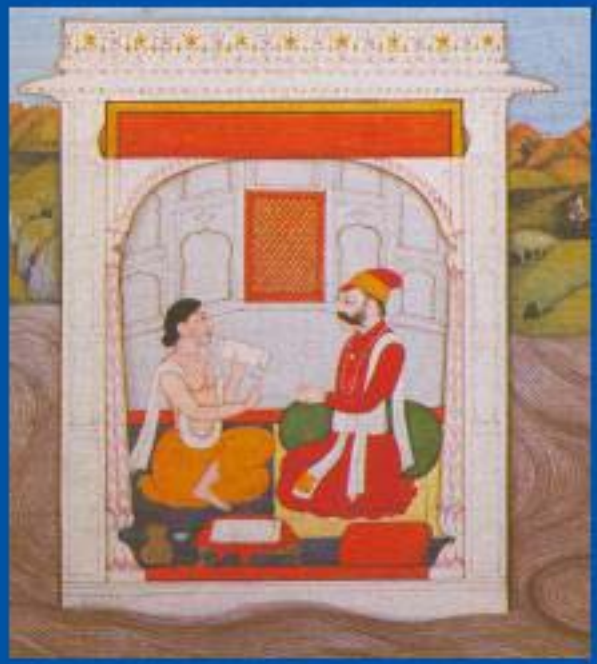
## Inspiration for Trees



Inspired from "The Prince's Music Lesson",
Painter – unknown.
Painting on Paper, Rajashtan, 18th Century
From the book INDIAN MINIATURES by Francis Brunel

# Concepts

## Inspirations for Windows



"The sage and the prince",
Painting on Paper, Rajashtan, Pahari School, 18th Century
From the book INDIAN MINIATURES by Francis Brunel

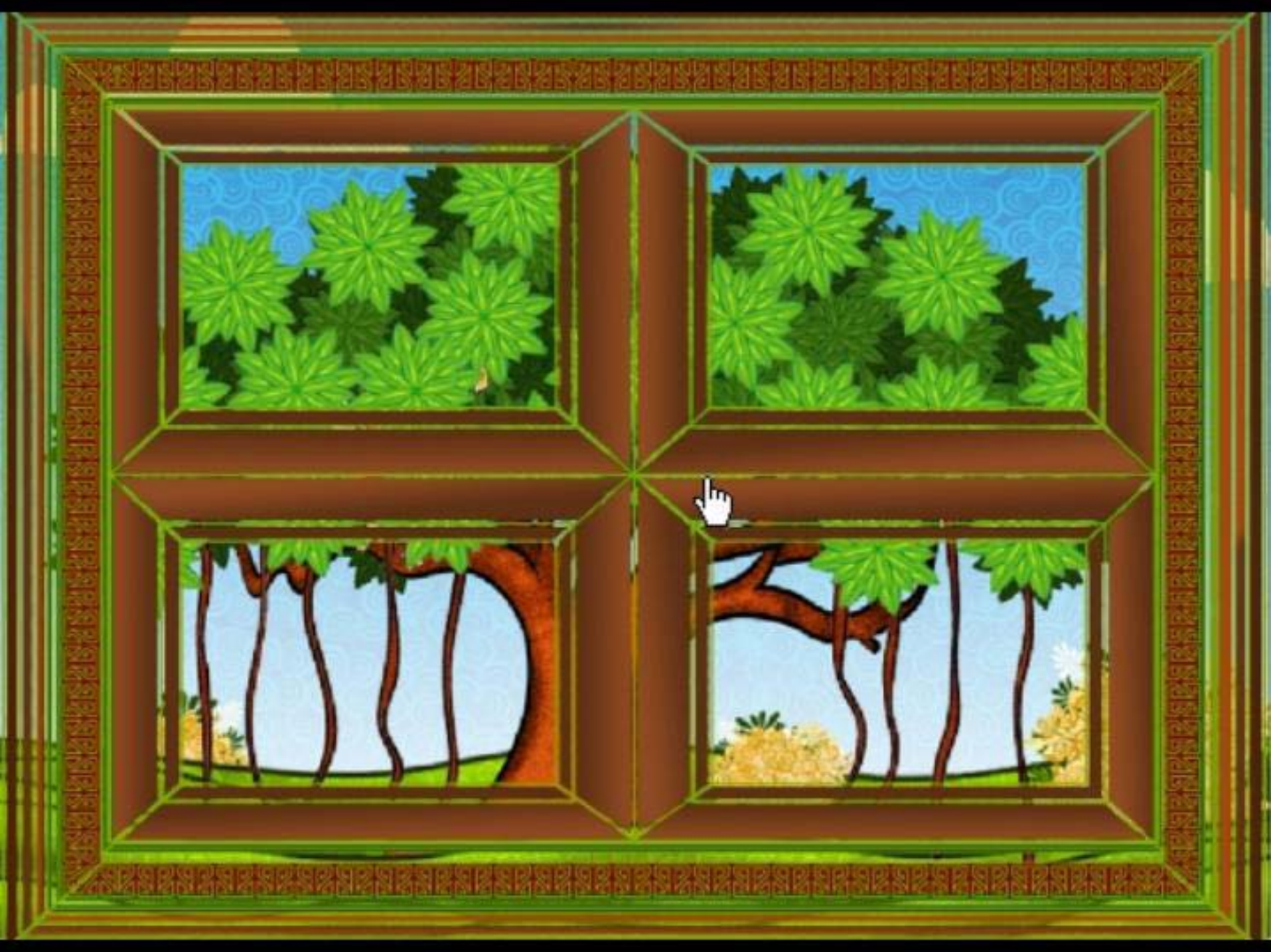
"Waiting"
Painting on Paper, Guler 1790
From the book INDIAN MINIATURES
by Francis Brunel

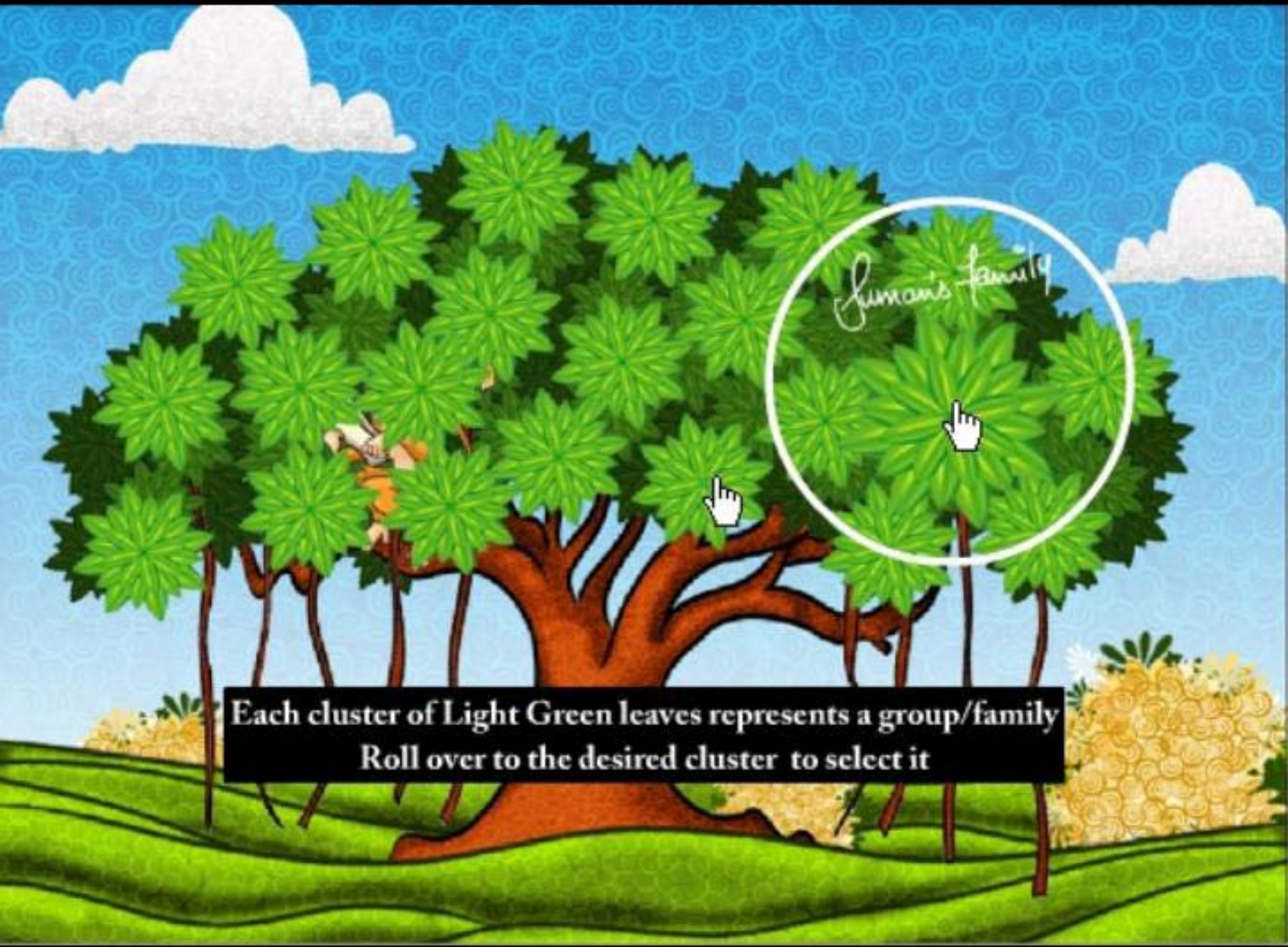
# The Wisdom Window

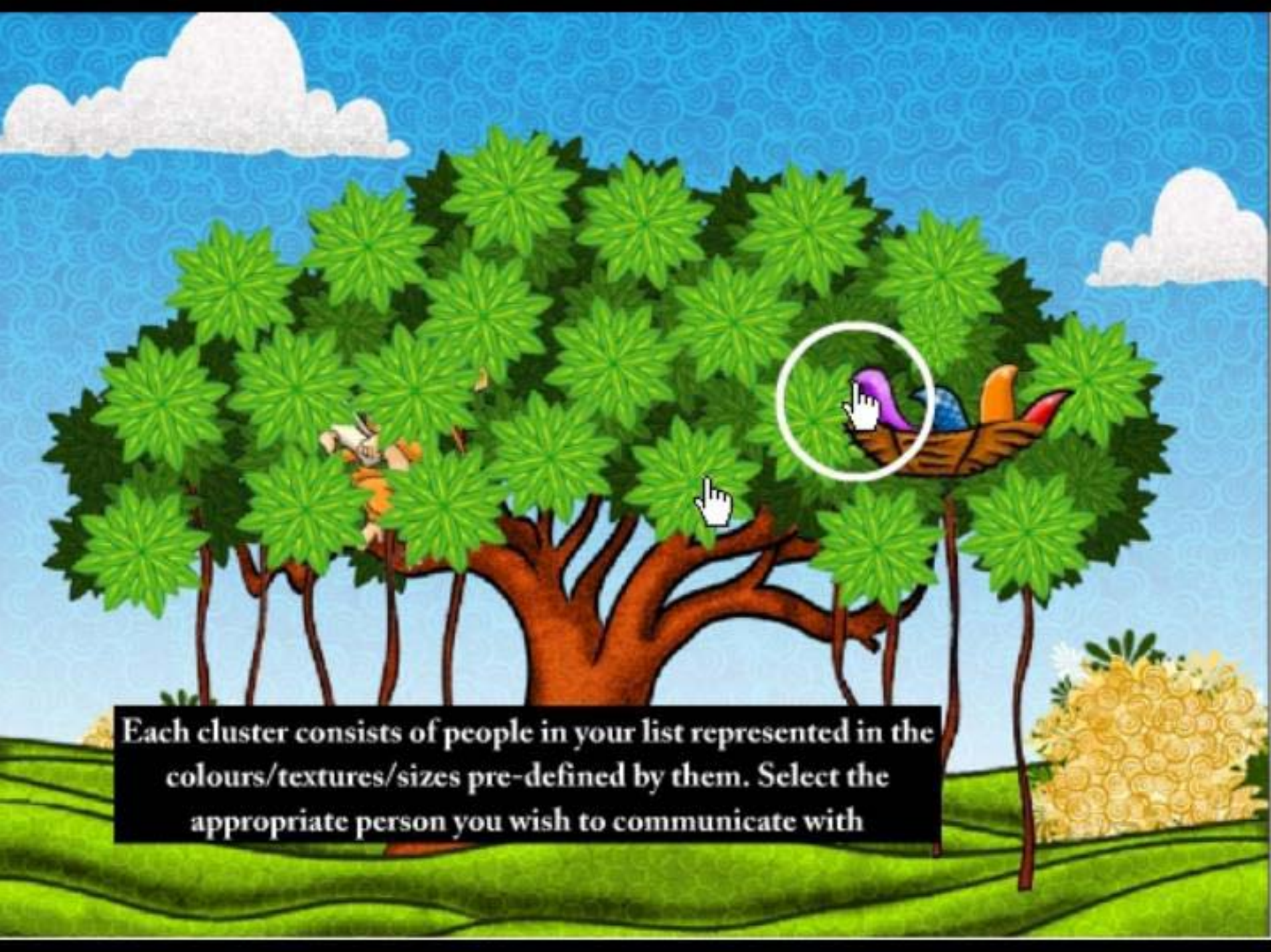
## A window into the outside world

Instruction File

Please use arrow keys to go forward or back

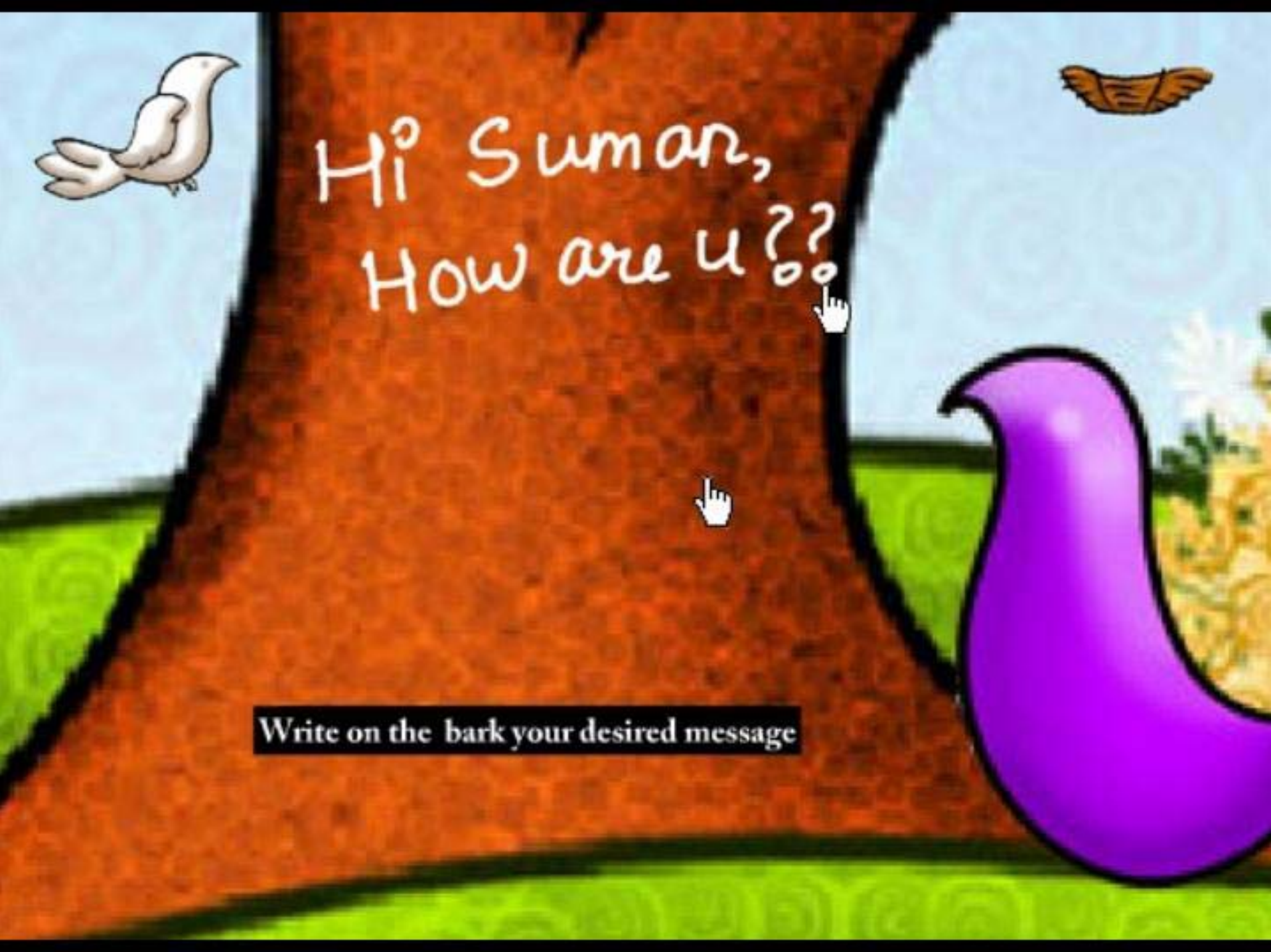


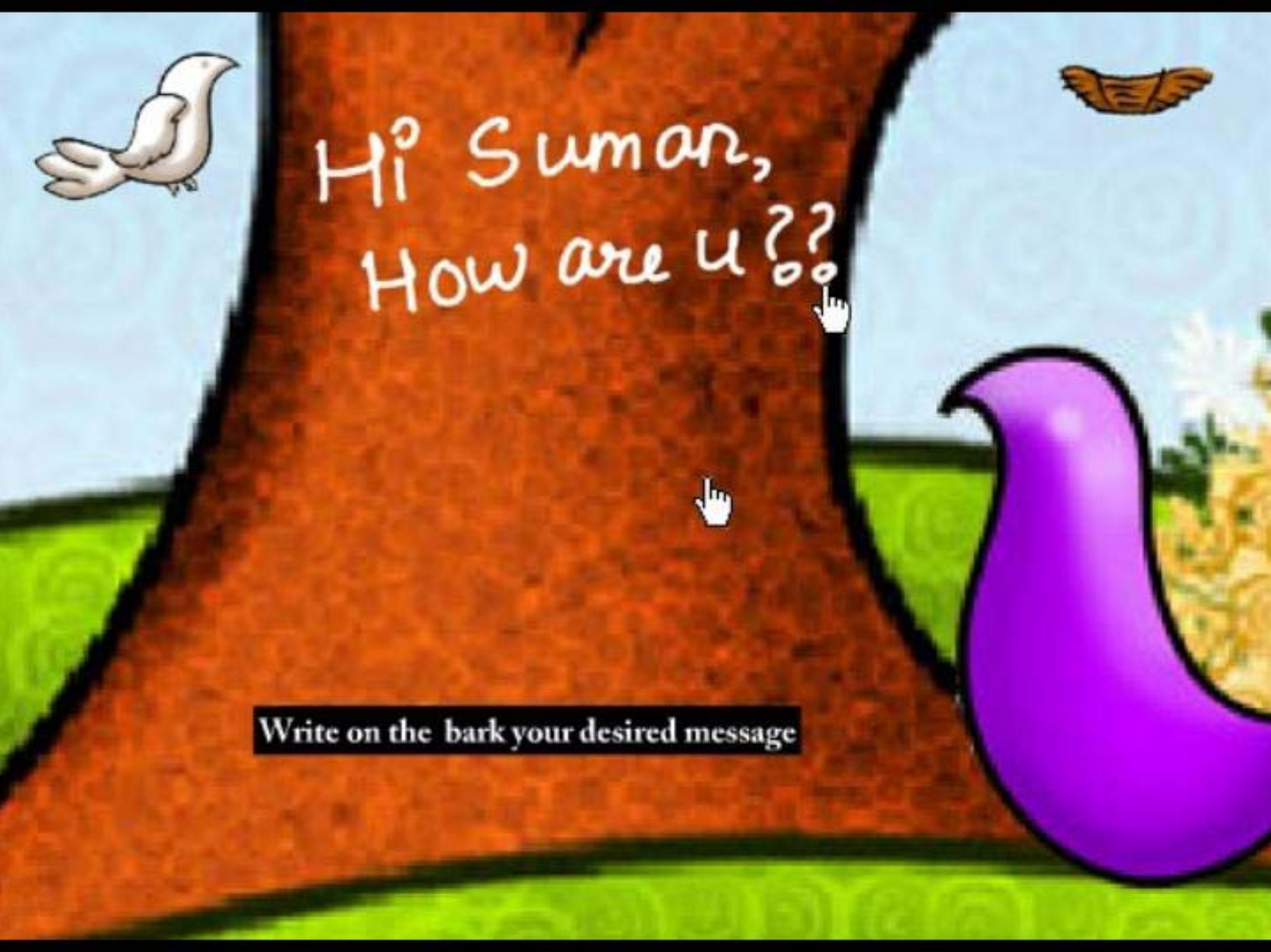

Each cluster of Light Green leaves represents a group/family
Roll over to the desired cluster to select it


Each cluster consists of people in your list represented in the colours/textures/sizes pre-defined by them. Select the appropriate person you wish to communicate with

To go back click on the cluster again

Write on the bark your desired message


Hi Suman,
How are u??
Write on the bark your desired message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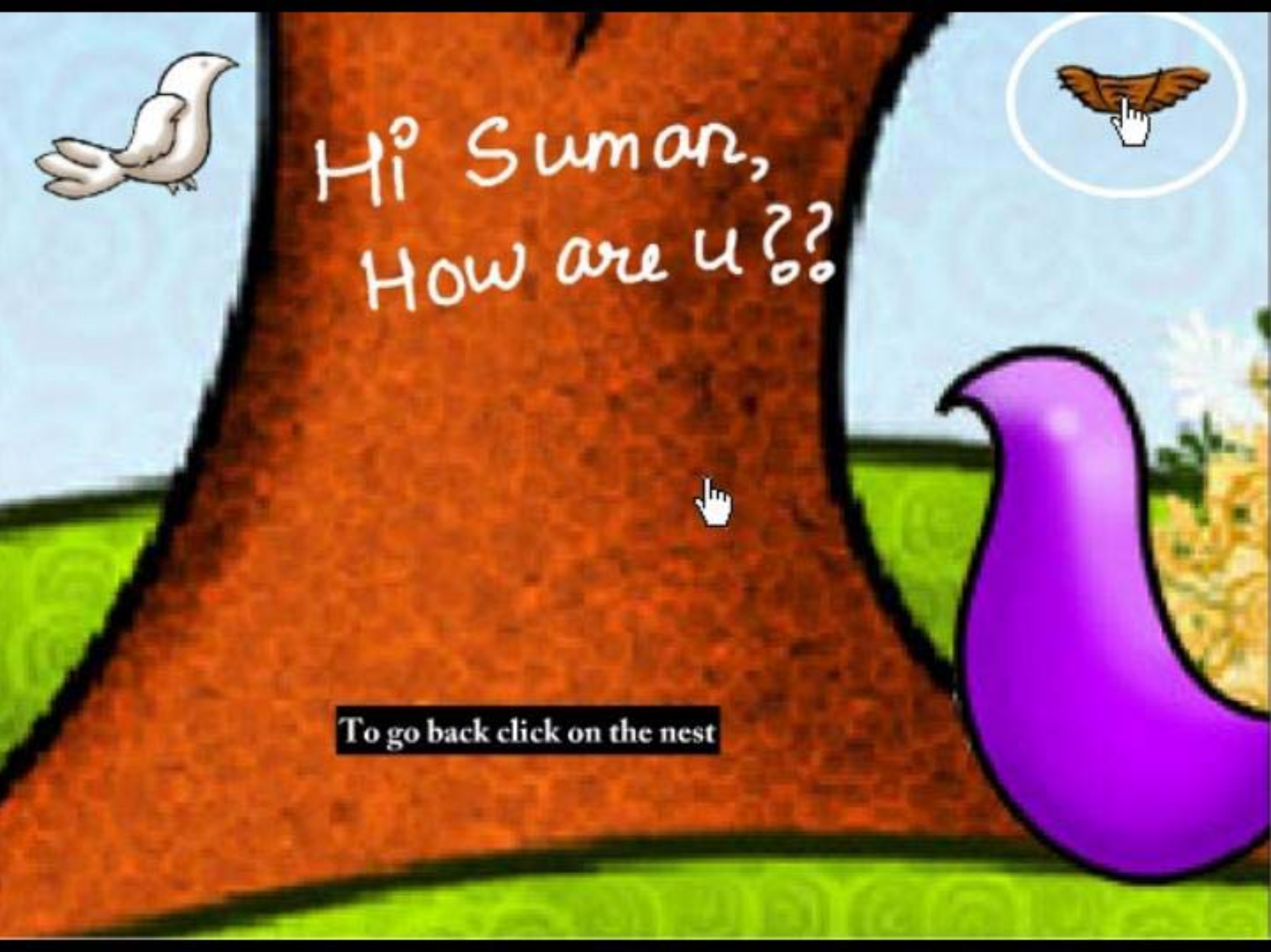
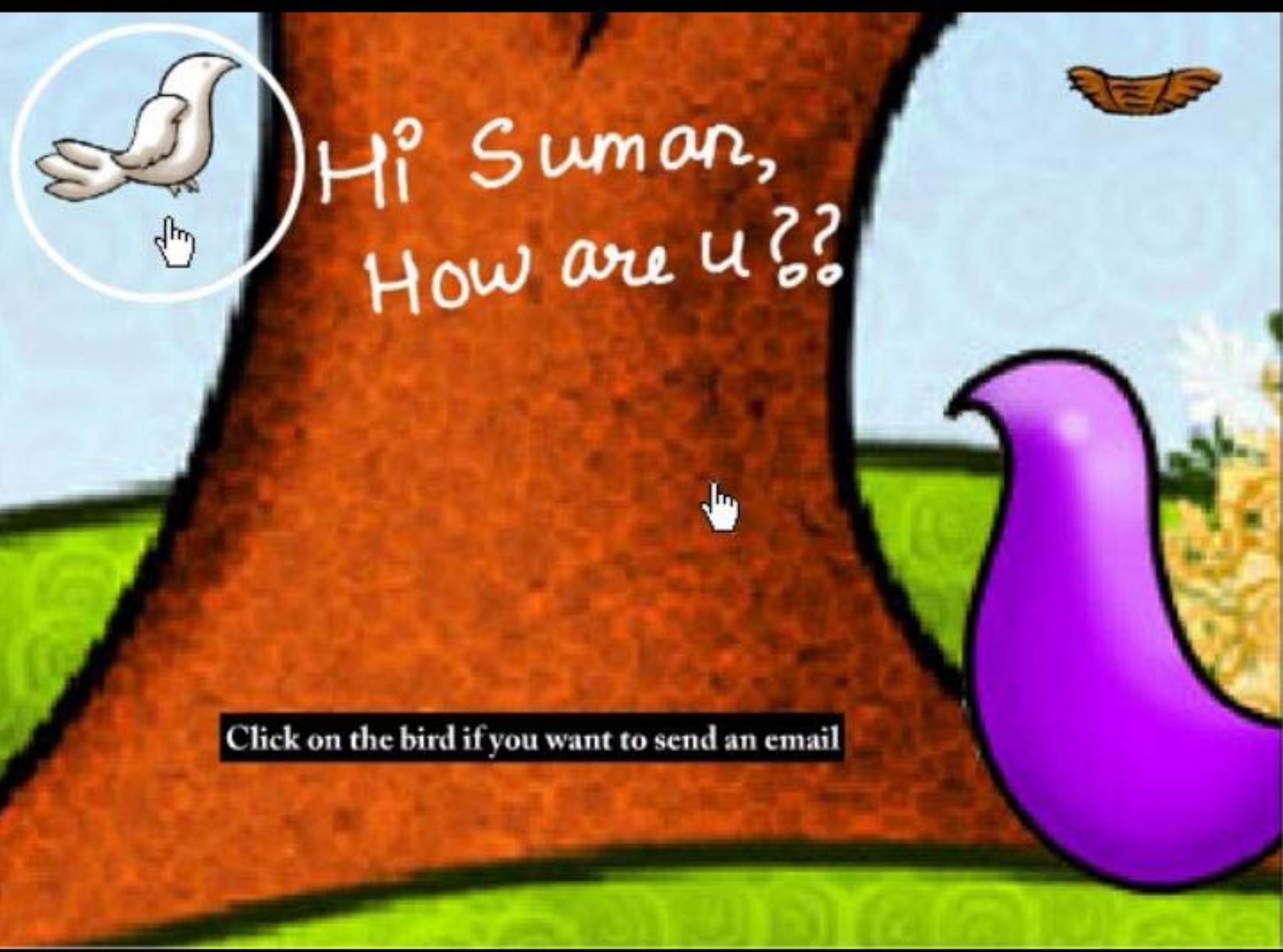
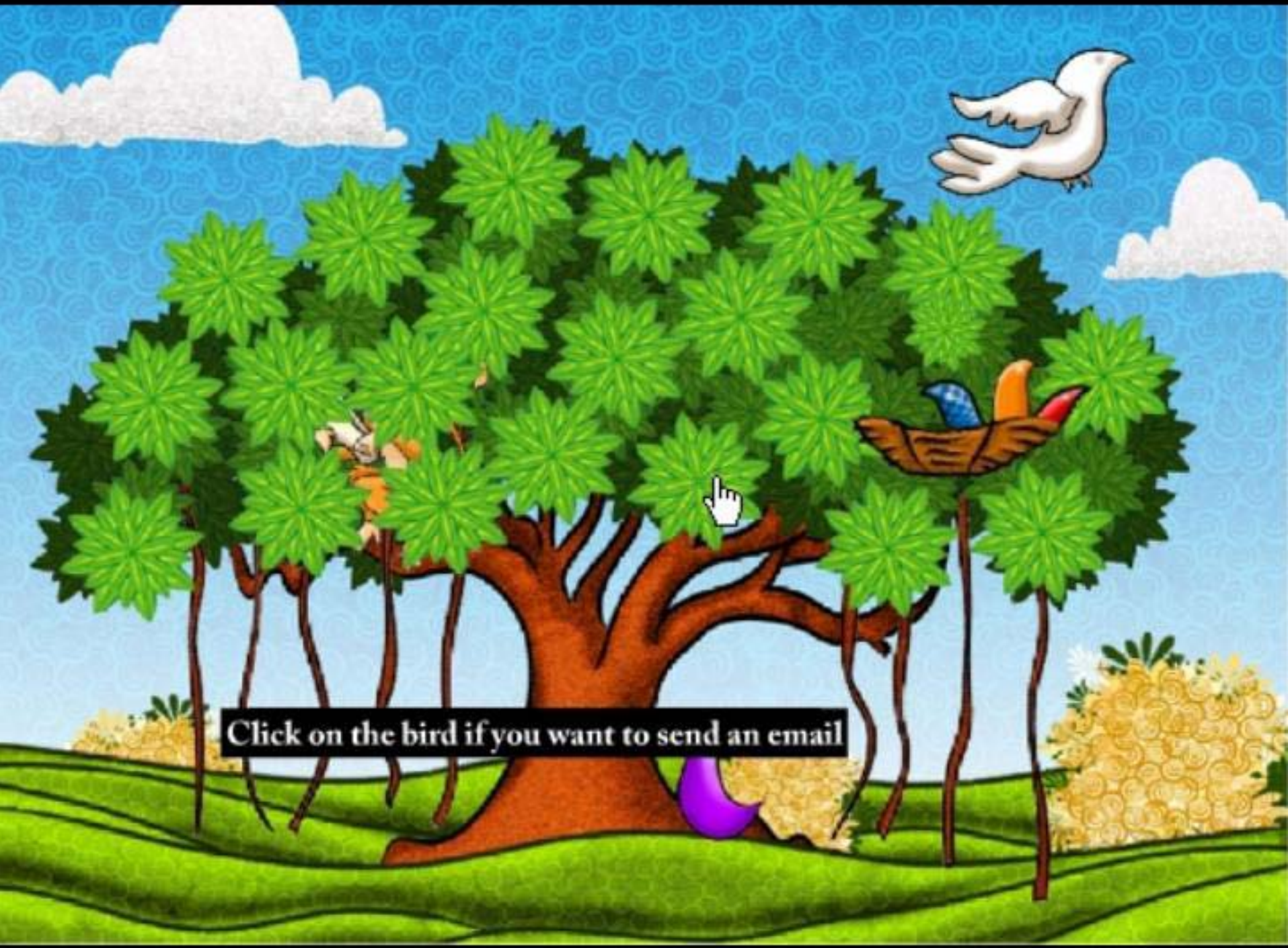
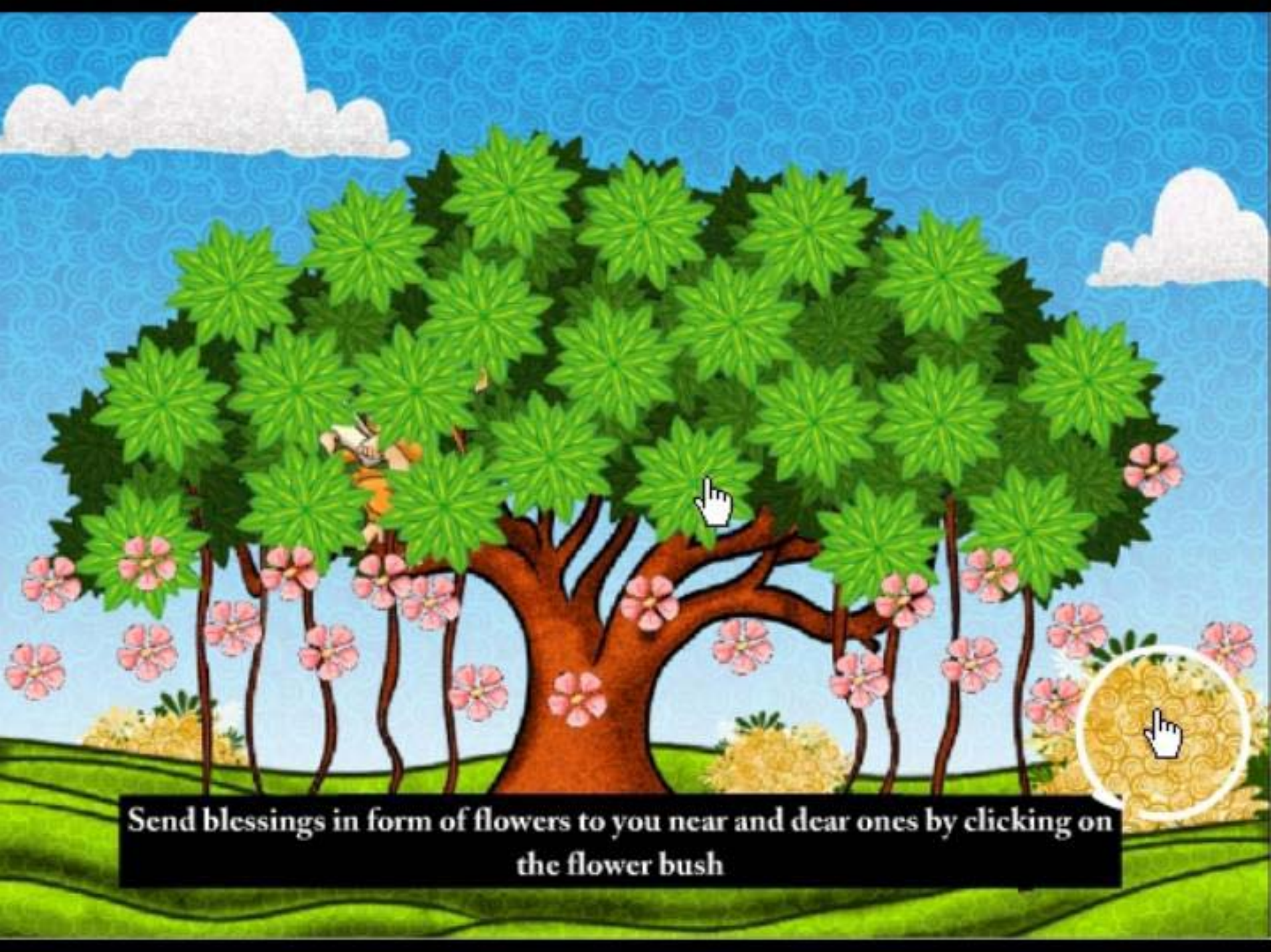

Hi Suman,
How are u??
To go back click on the nest

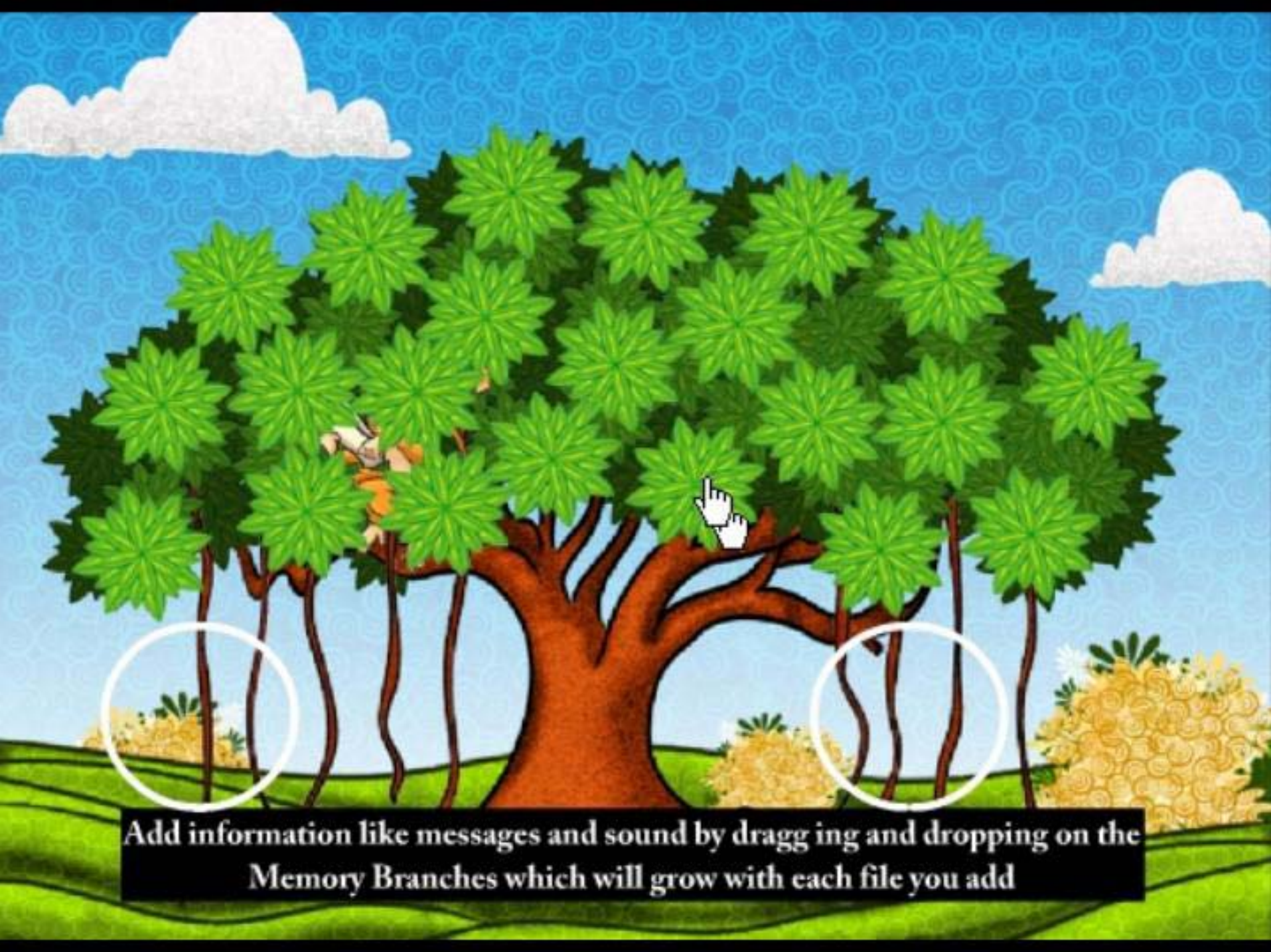

Hi Suman,
How are u??
Click on the bird if you want to send an email


Click on the bird if you want to send an email

Roll over to the MEMO MONKEY and click to activate him

Call Raju
2510713
Write your desired message or memo you want to rememeber


Send blessings in form of flowers to you near and dear ones by clicking on the flower bush


Add information like messages and sound by dragg ing and dropping on the
Memory Branches which will grow with each file you add

# Acknowledgements

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**Research and references**

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- **"Elderly people and design"**
  Dept of Design Sciences,
  Lund Institute of Technology,
  Lund University, Sweden

- **"Situation of elderly in India"**
  Ageing Research Foundation of India
  www.sagepub.com/

- Interviews

- INDIAN MINIATURES by Francis Brunel