



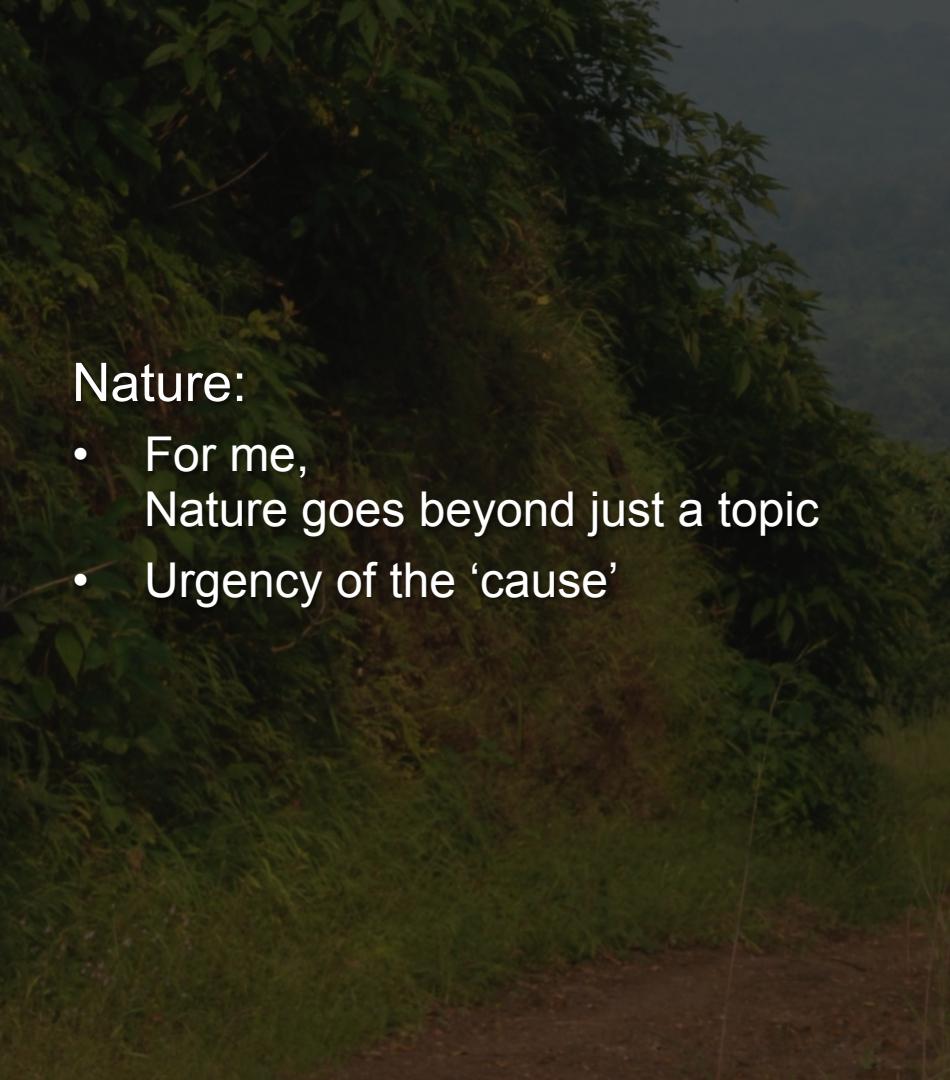
tree conservation

Satyali R. Kadam

Guide: Prof. Shilpa Ranade

Initial round of topics selection:

- Ajanta
- Nature
- Rural India



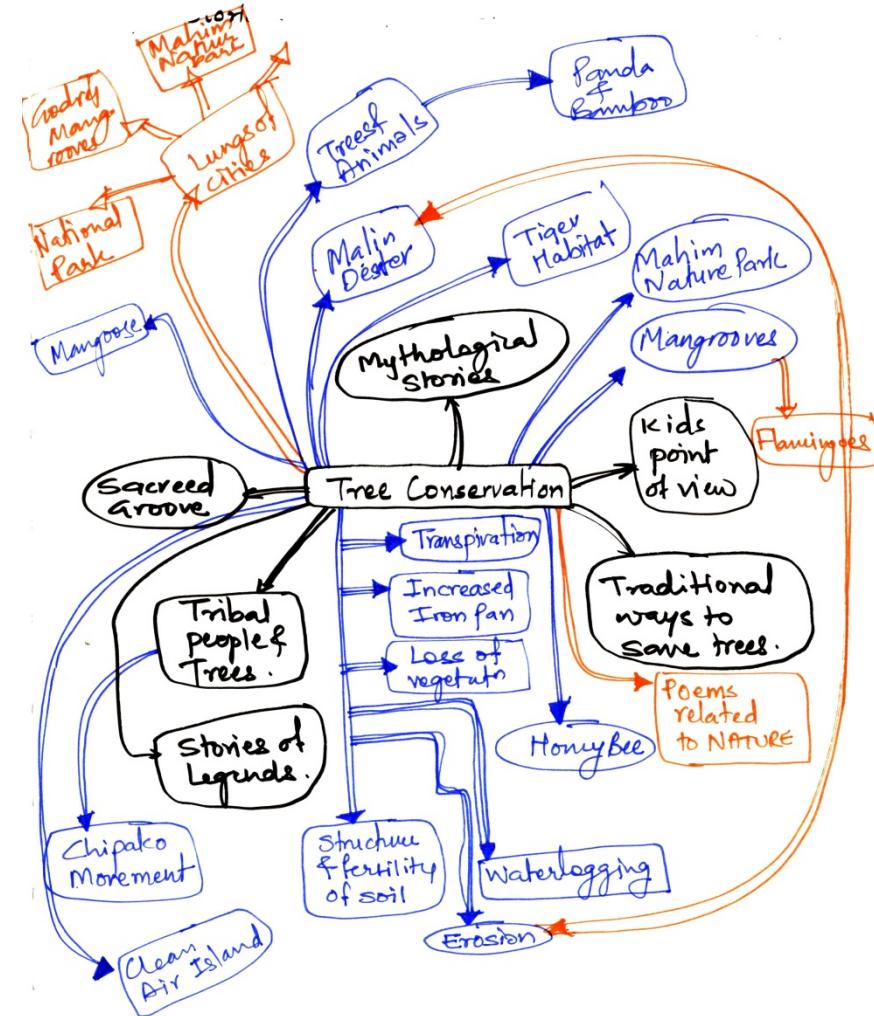
Nature:

- For me,
Nature goes beyond just a topic
- Urgency of the 'cause'



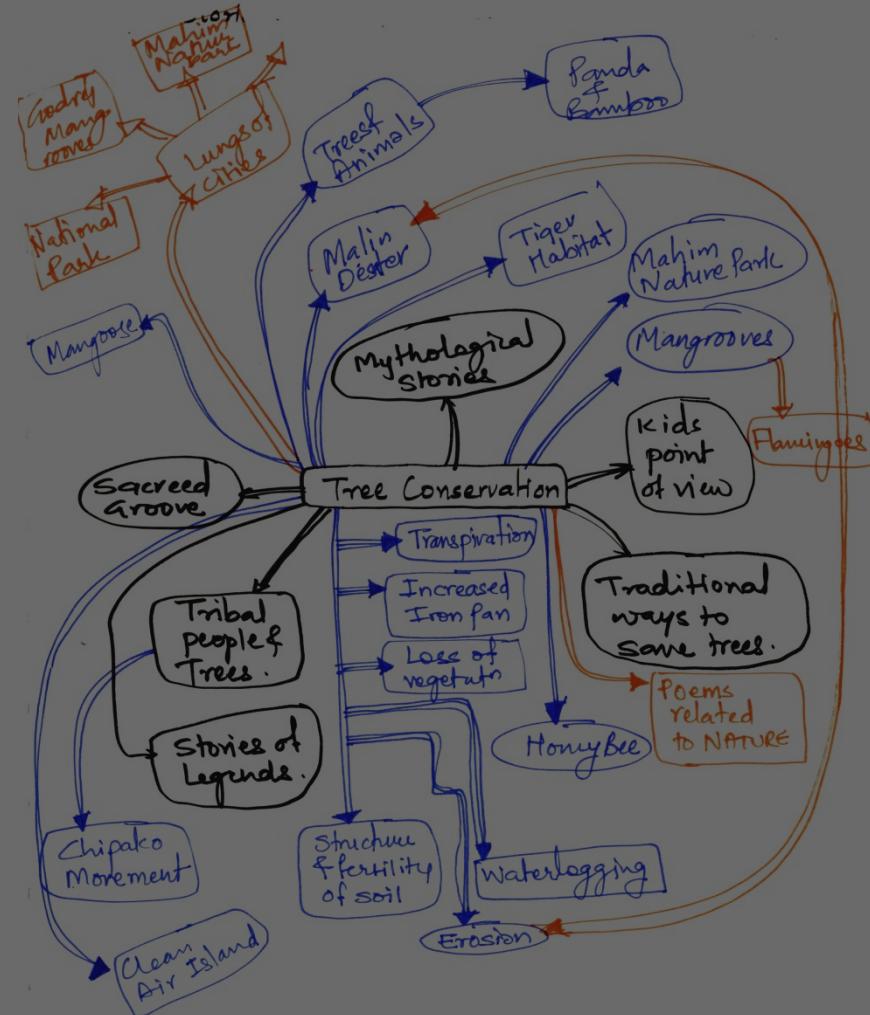
Mind Map:

- Facts about tree conservation; awareness
- Honeybees and other crucial species
- Mangroves
- Development and trees
- Social values of tree conservation
- **Connection with humans**
- Mythological stories
- Sacred groves
- Original stories
- Ways of tree conservation
- **Kids' point of view about trees**
- Moral stories to save trees



Mind Map:

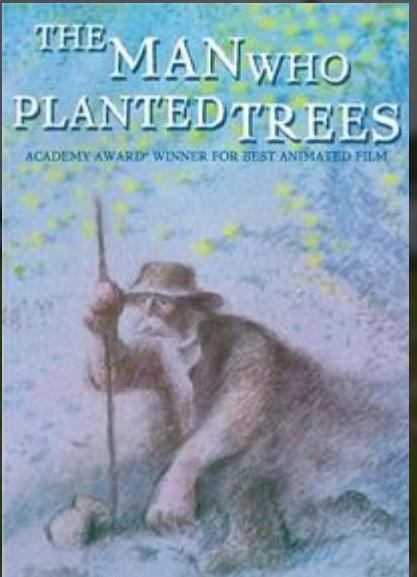
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Inspirations



TED Talk by Nalini Nadkarni



The Man who planted Trees



Pak Pak Pakaak



Devrai



Narbachi Wadi

People

Jadav Peyang

- Molai Forest in Assam
- Forest Man of India



Mark Olson

- NatGeo Explorer
- In search of rare plants

People

Ravi Vaidyanathan

- Mumbaikar
- Avid nature lover
- Birds, butterflies, photography, trekking

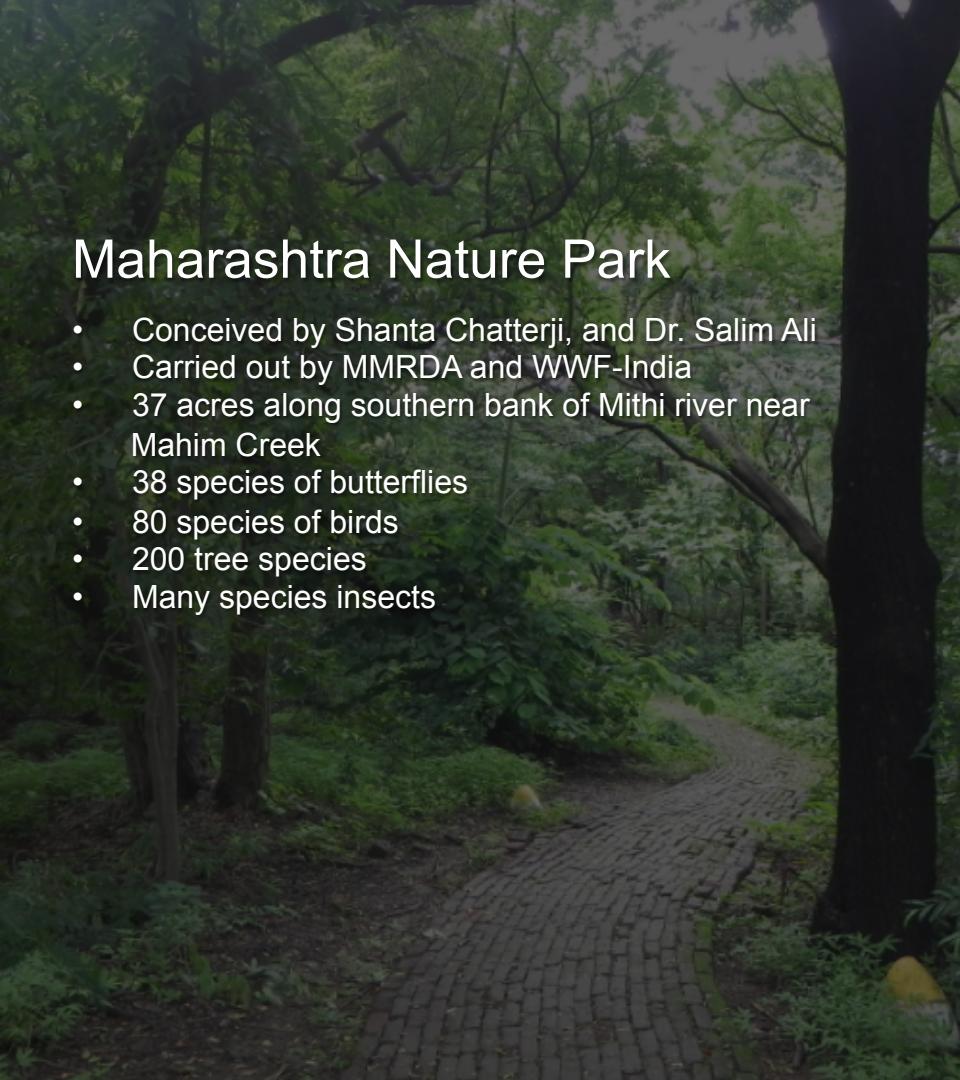
Ravi Anna says,

“Get your hands dirty. Do not ideate in closed classrooms. Visit nature in its glory. One cannot convince everyone, even if a single person is impressed, its worth it.

Continue your work despite what people might say, think or do.

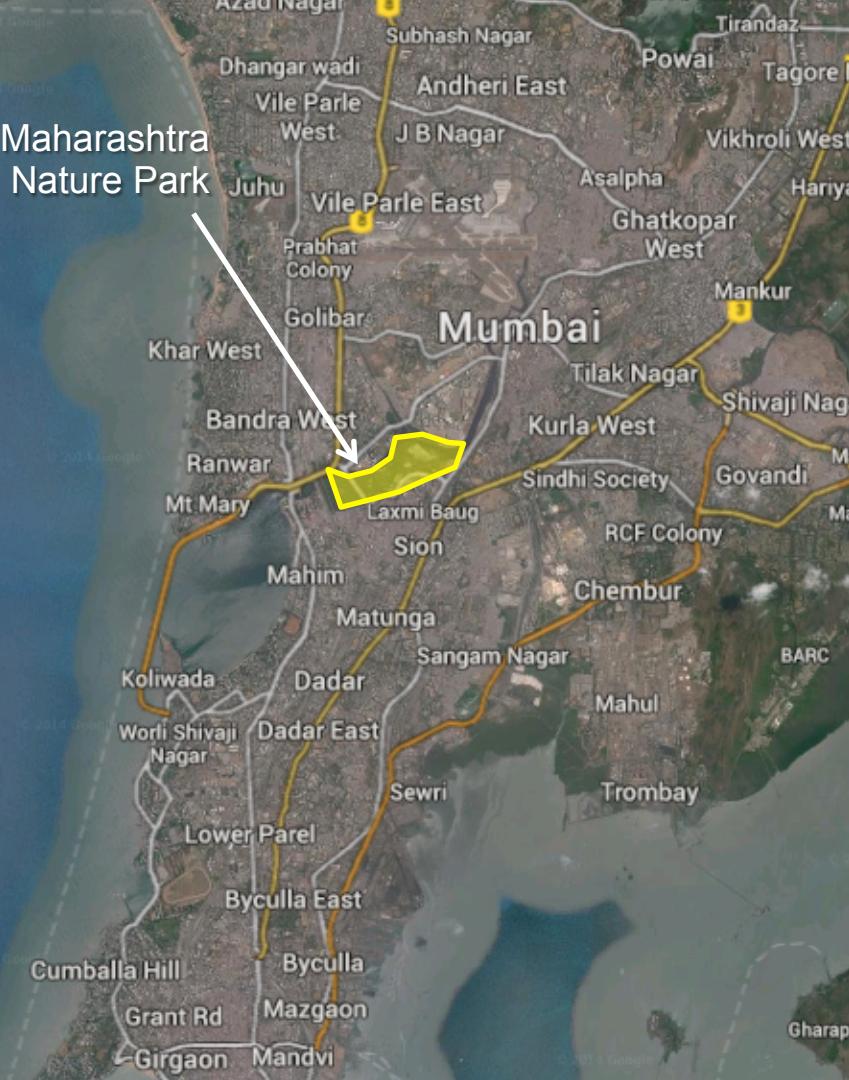
Once you know things, start doing them the right way. Open your eyes to the oblivious and nature will show you wonders”





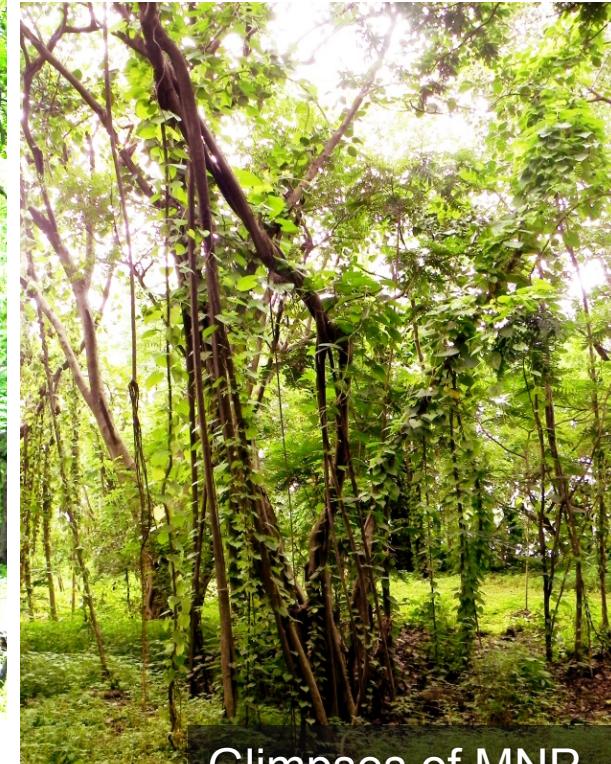
Maharashtra Nature Park

- Conceived by Shanta Chatterji, and Dr. Salim Ali
- Carried out by MMRDA and WWF-India
- 37 acres along southern bank of Mithi river near Mahim Creek
- 38 species of butterflies
- 80 species of birds
- 200 tree species
- Many species insects





Glimpses of MNP



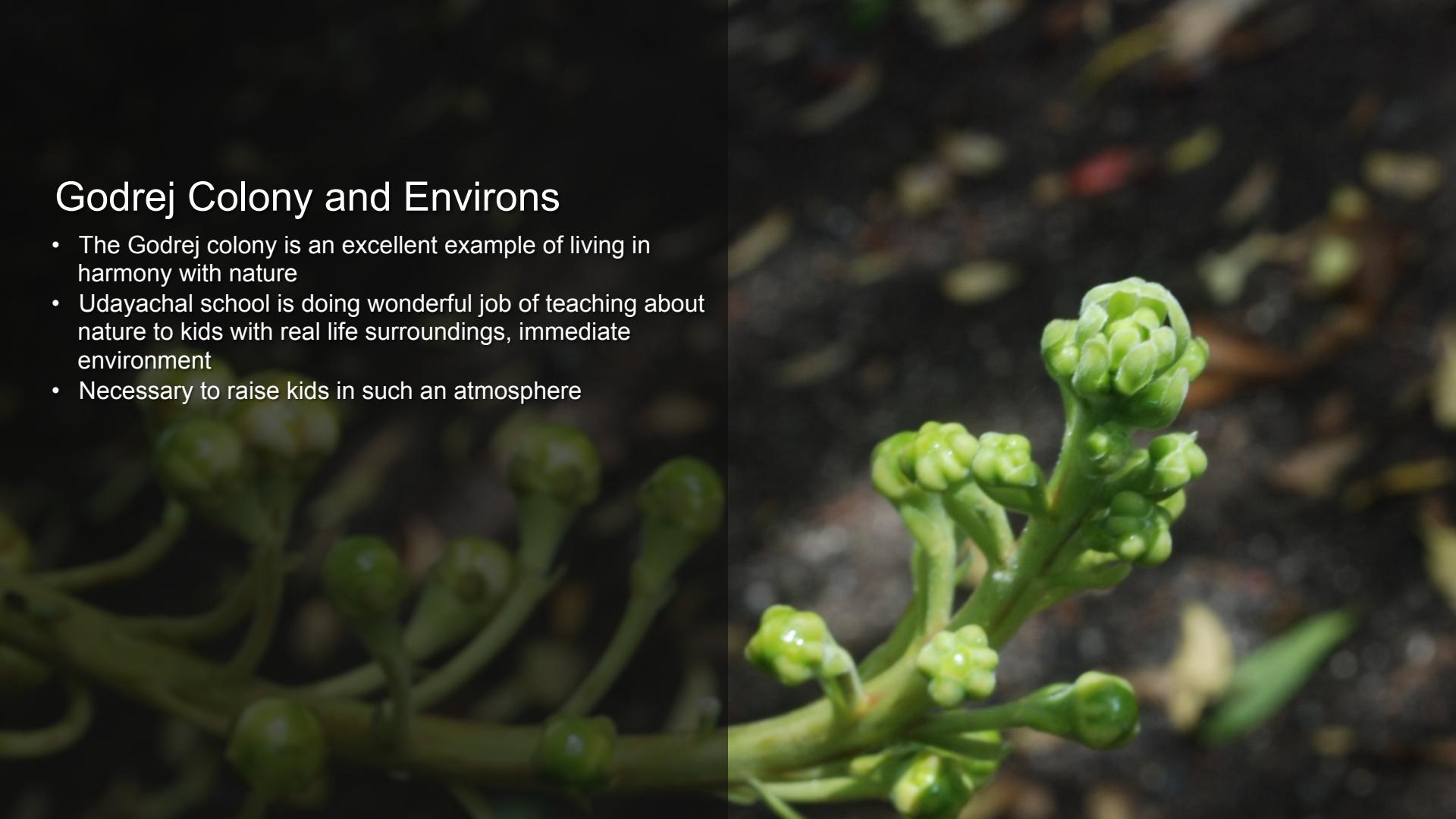
Glimpses of MNP



Glimpses of MNP

Godrej Colony and Environs

- The Godrej colony is an excellent example of living in harmony with nature
- Udayachal school is doing wonderful job of teaching about nature to kids with real life surroundings, immediate environment
- Necessary to raise kids in such an atmosphere



Godrej Mangroves

- Extensive mangrove belt
- Handled by Godrej under Soonabai Pirojsha Godrej Marine Ecology Centre
- Biodiversity beyond imagination
- Udayachal school located just across the highway
- Teaches kid about biodiversity through nature trails, weekend camps, etc
- Walls plastered with student drawings of trees, etc
- Godrej colony itself is a biodiversity hub

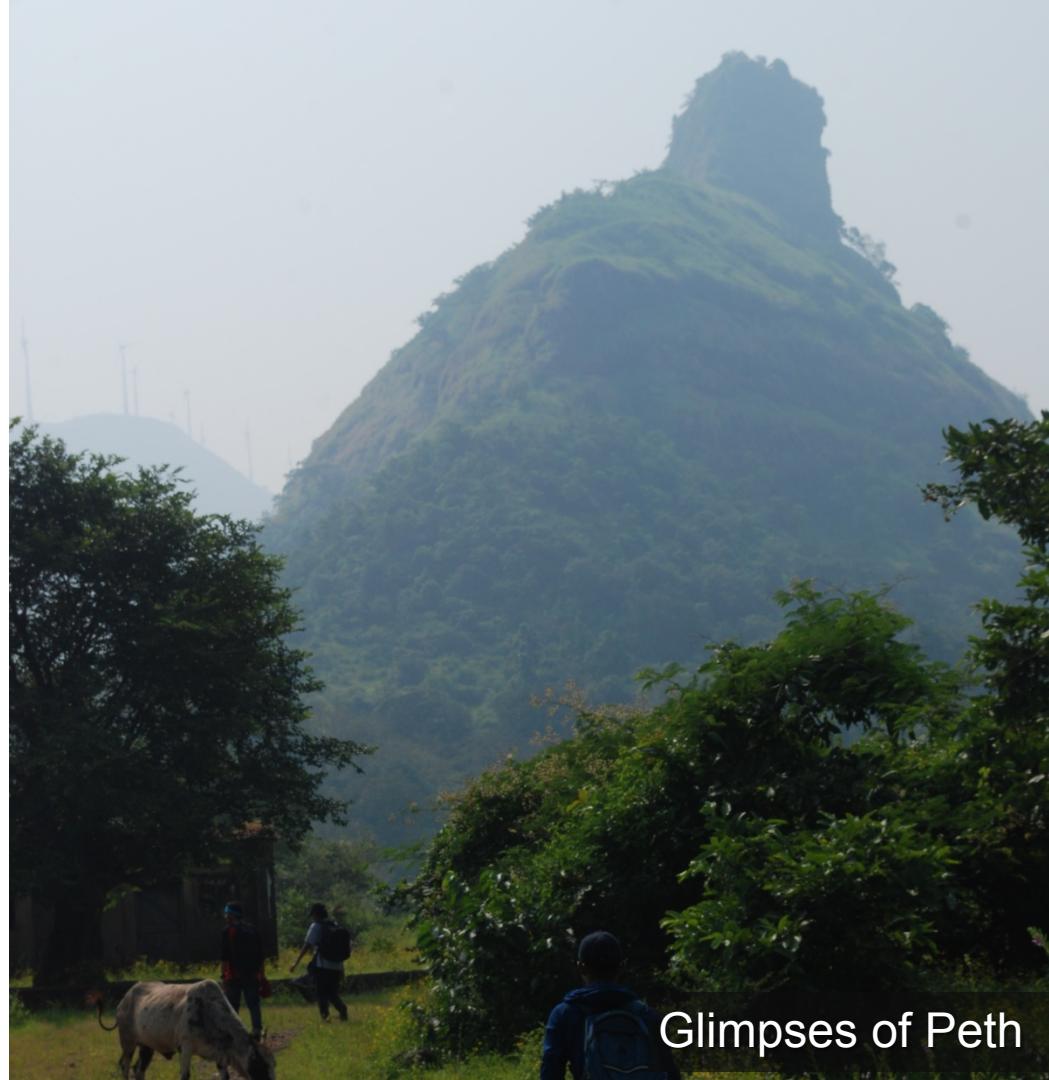




Glimpses of Godrej
Colony

Trek to Peth fort





Glimpses of Peth



Glimpses of Peth

Possible stories:

1. Multiple converging storylines:

The story of how a central character affects multiple lives including his direct family, friends and random people he has come in contact with through his activities pertaining to nature, outdoors and ecology as a whole.

2. A walk through woods:

A narrative of a father and daughter walking through woods, with him explaining nature to her through the visuals he encounters on the way

3. Love for nature:

A kid whose only friends are trees and how he comes to terms with the death of a tree

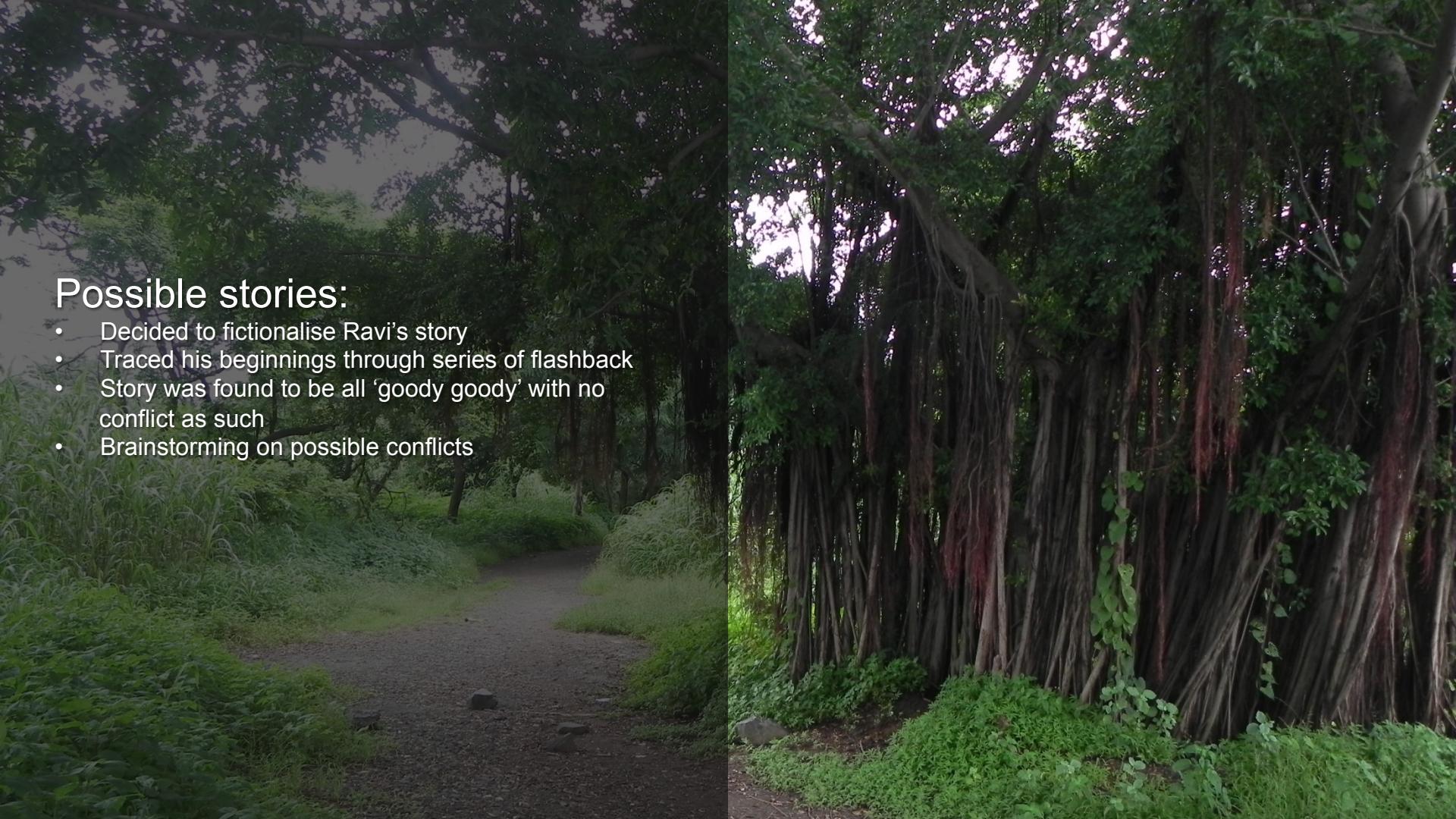
4. Highway trees:

A man who follows a stranger's example and plants trees along the highway enroute to his office



Possible stories:

- Decided to fictionalise Ravi's story
- Traced his beginnings through series of flashback
- Story was found to be all 'goody goody' with no conflict as such
- Brainstorming on possible conflicts





Revisions to the story

- Decided to focus on Ravi's beginnings as a kid
- Researched on possible fun facts on trees that could be shown
- Decided to focus on the **passage of time** as one of the important element
- Revised story inspired by **Ruskin Bond's 'The Cherry Tree'**

Characters:

1. Kid (Ravi):

A 5 year old boy living in Dombivli in fairly old bungalow with a spacious backyard. Ravi is sensitive, curious and eager to learn. He is a bit weaker than other kids and timid. He finds solace in the company of nature. Ravi is especially close to his grandfather. He matures through the story a little with help from his grandfather and nature itself



Ravi



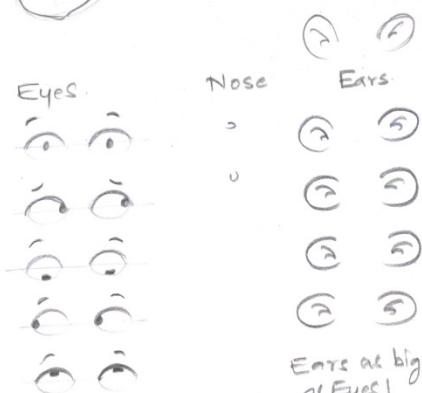
Sukhaar





scary children





Ears at big
or Eyes!
Little bigger
also tyn!





6 yrs old.



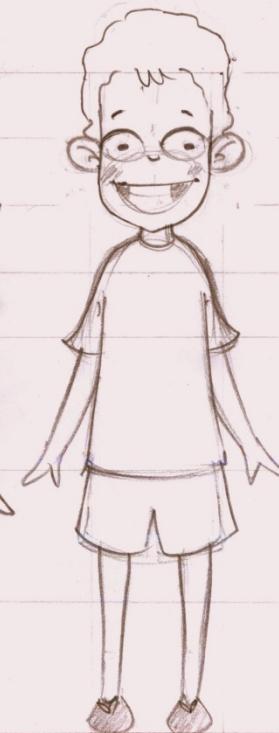
7 yrs old



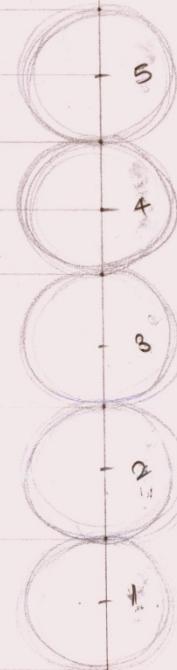
8 yrs old



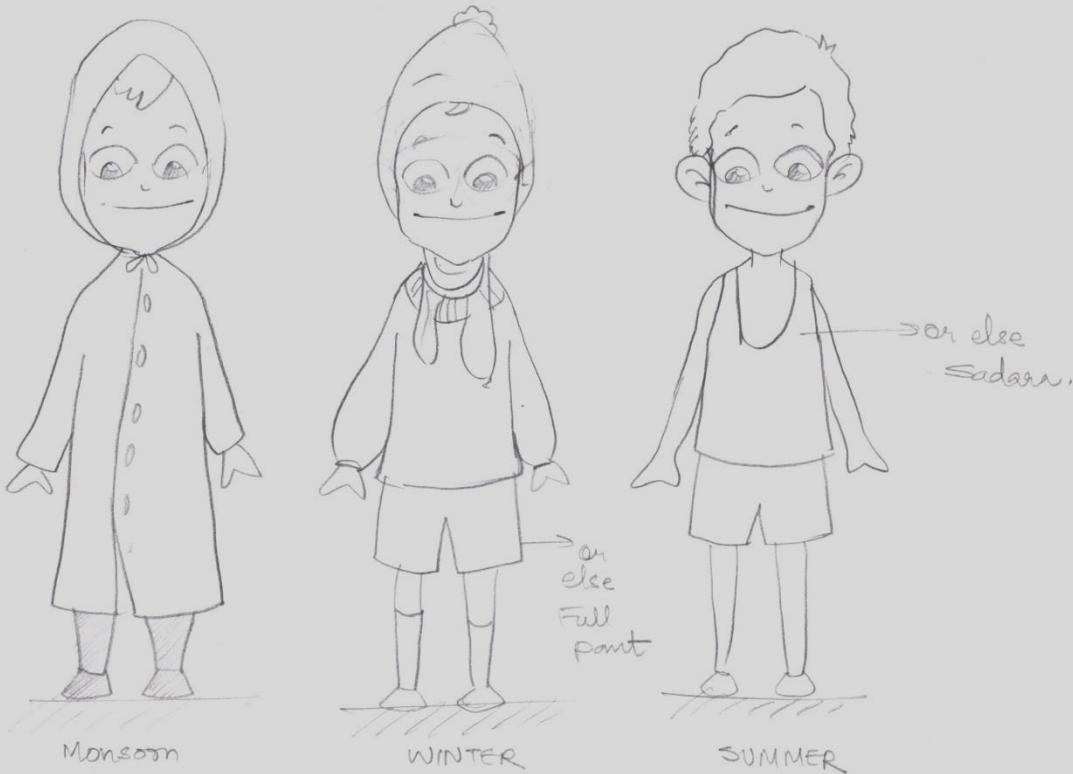
9 yrs old.

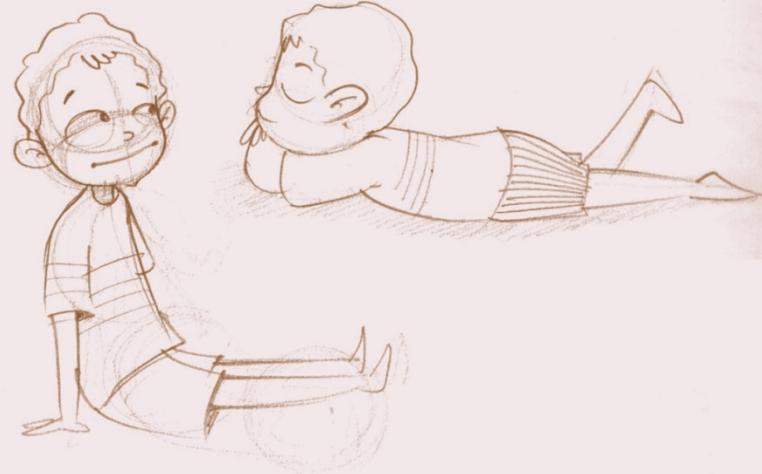


10 yrs old.

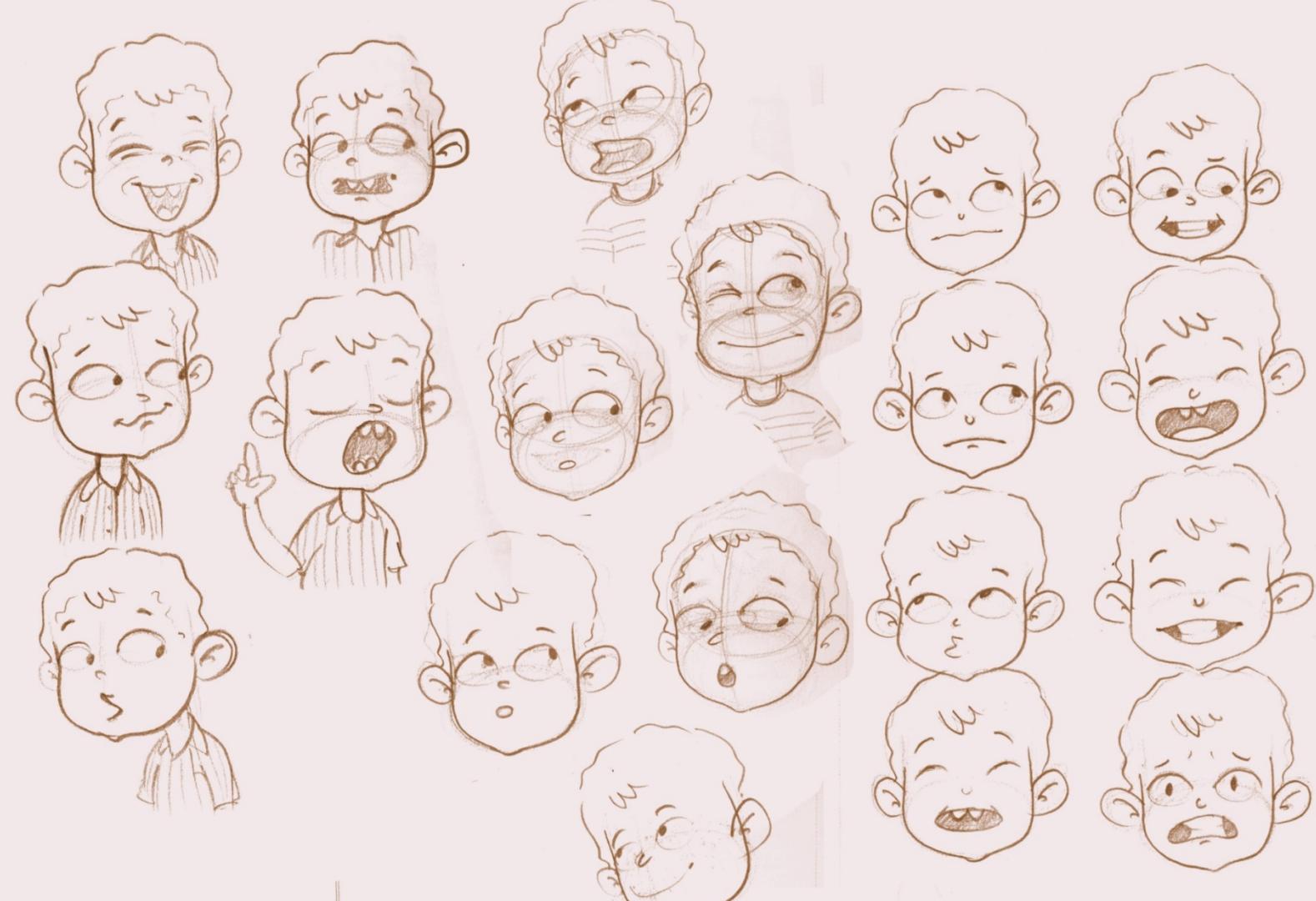




















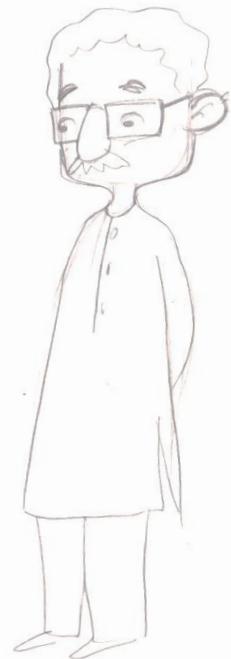
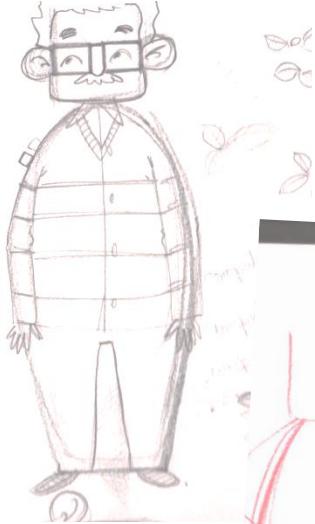
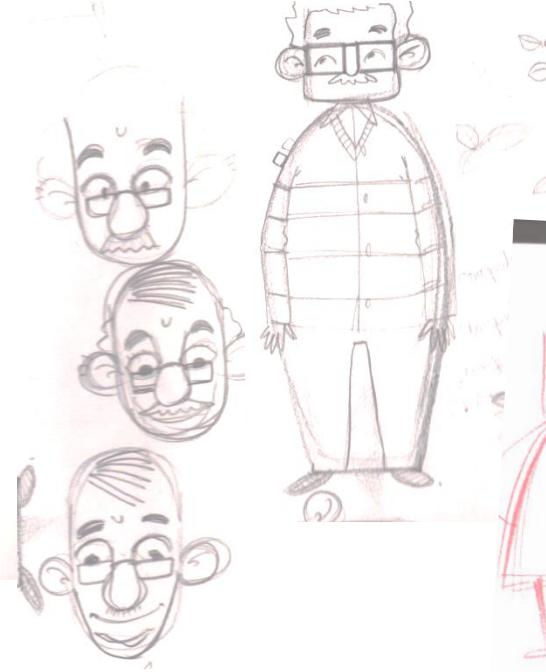
Characters:

2. Grandfather:

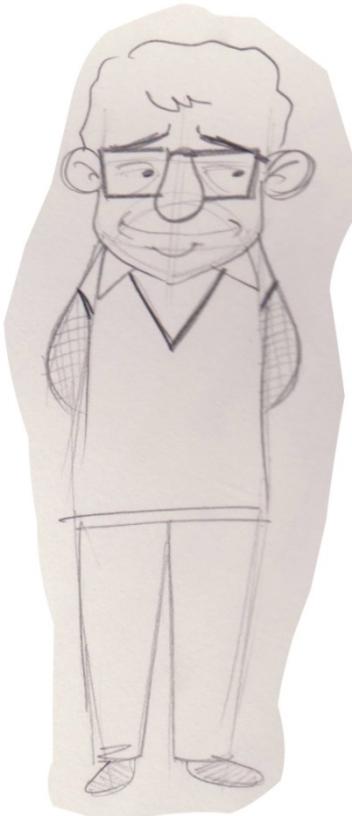
A 60 year old retired clerk who was working in the Forest dept. Knows a thing or two about plants owing to his long service. His love for nature seems to have skipped a generation and he sees it in his grandson, Ravi. He cares for him and has taken up the responsibility of giving him true knowledge of the mysterious ways in which nature works. Grandpa himself is a bit mysterious person as seen in the way he answers Ravi's questions.

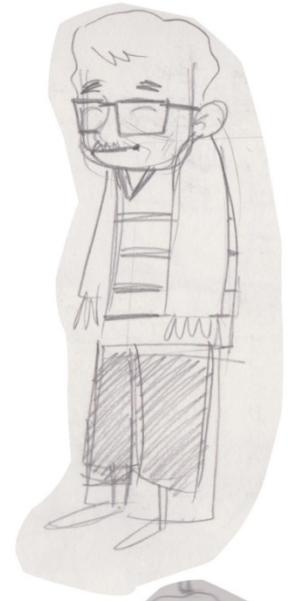








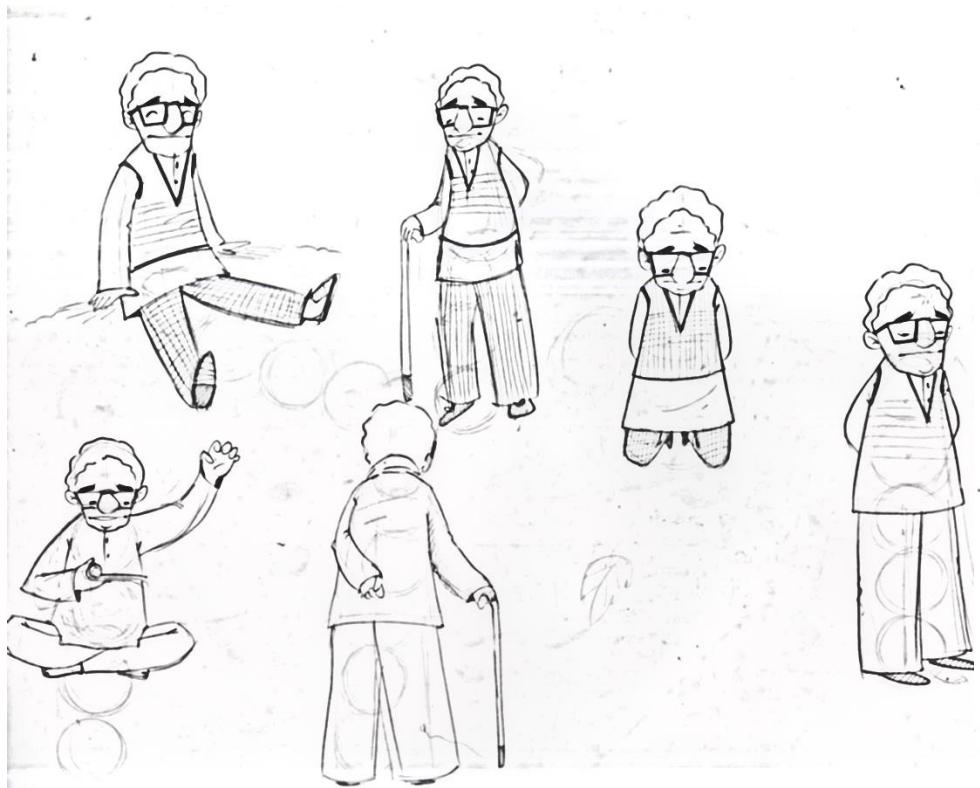






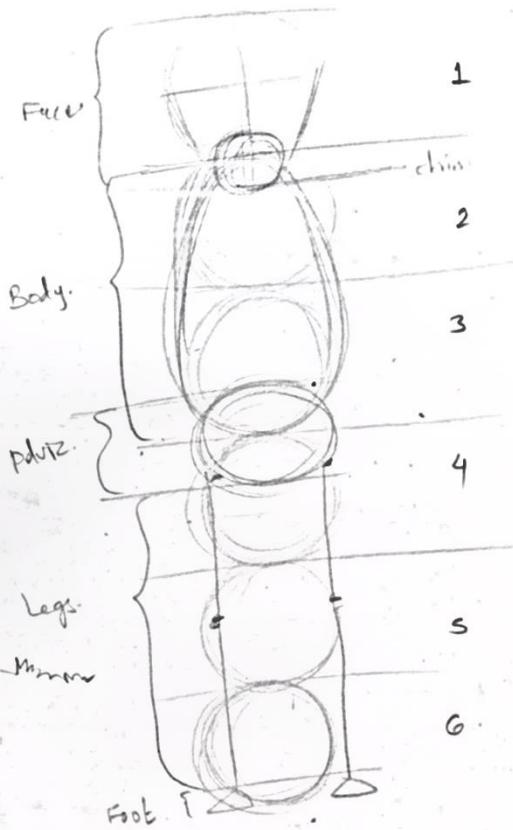


जु कालो



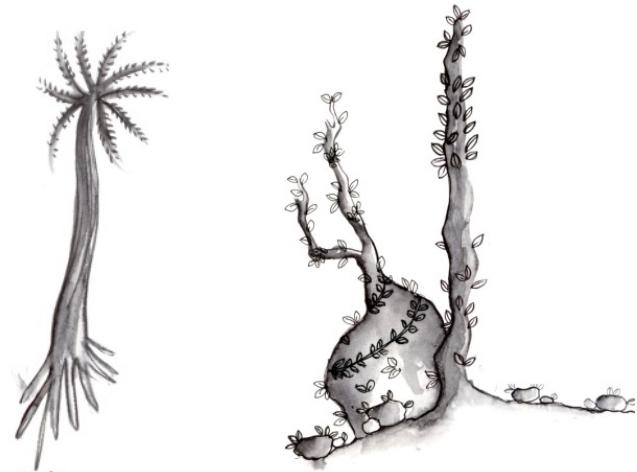


Proposition.

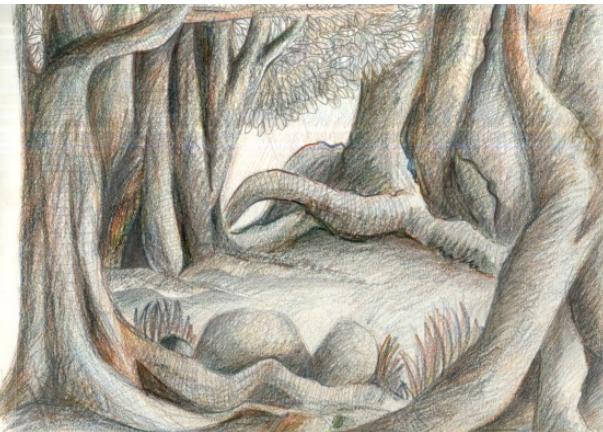
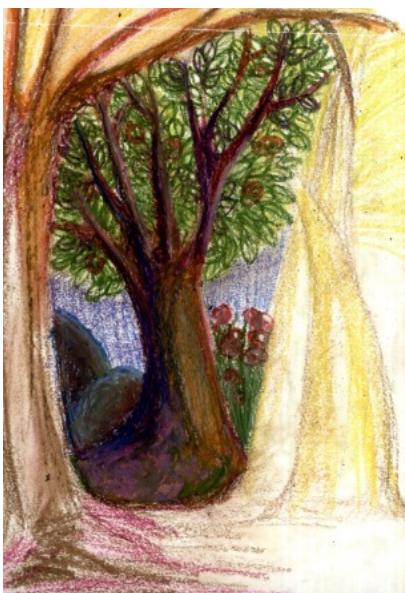


Working Script

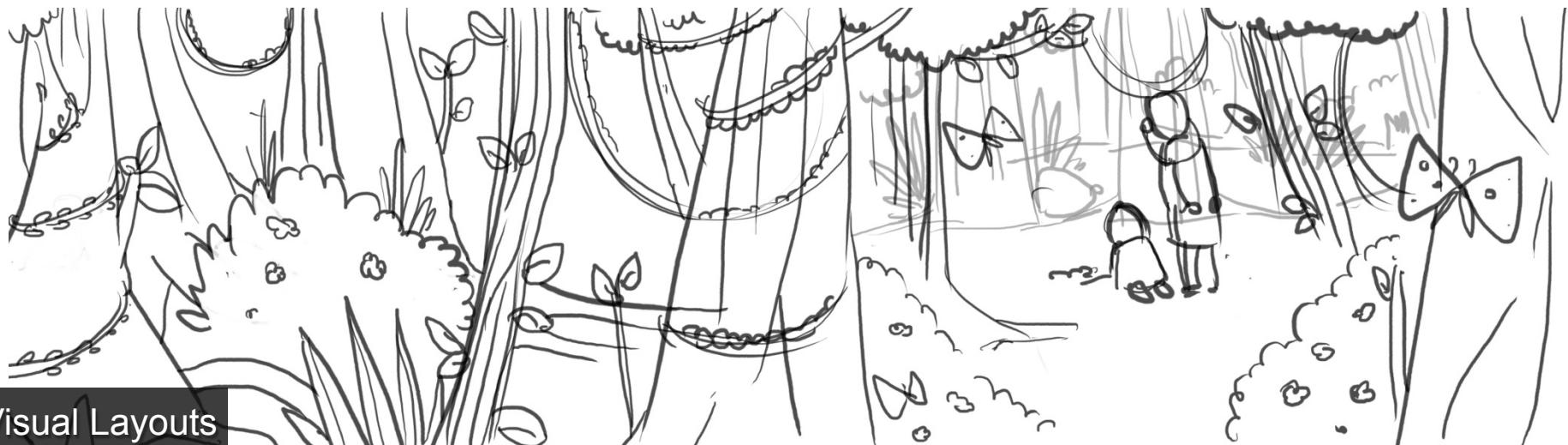
		FADE IN.
DAWN. MORNING SOUNDS.		
RAVI	LOW RUMBLING SOUND. LIGHT RAIN. Wall of the bungalow. Green ferns growing on the wall and nearby...	
root		CUT TO:
crow		CUT TO:
PAN	A Peer	CUT TO:
	RAVI and GRANDPA from the sound's p.o.v.	CUT TO:
RAVI	RAVI i	CUT TO:
wife	M	
	TOP VIEW OF BUNGALOW.	
Gran	SOUND	CUT TO:
	FALL C	
	INT. GRAN	
	R	
	t	
	R	
	RAVI's shout.	
RAVI	M	
	THE LF	CUT TO:
Gran	RAVI i	
	GRANDPA	
	R	
	RAVI appro	
	EXT. RAVI	
	emerged :	
Ravi	B	
	RAVI i	
it wit	GOAT	
	GRANDPA	
	G	
	RAVI gat	
NIGHT	LOW R	
BACK V		
GRANDE	Close	
hands		
	It wa	
	SOUND OF	
	GRANDPA warming himself under the tree. It is now taller than him. It is covered in blossoms. GRANDPA	
	Close-up	
	calls out to RAVI.	
	RAVI	
	PRAYI	
	RAVI comes and looks up at the tree in amazement.	
	GRANDPA: A wonderful surprise on a wonderful day! Happy birthday Ravi!	
	They both look at the tree.	
	Goat eat	
	Close	
	INT. RAVI's birthday celebration. Ravi blows the candle which reads 10. Kids' chaos continues.	
		CUT TO
	Kids are playing in the backyard.	
	RAVI is also playing. RAVI sees GRANDPA relaxing under the tree in his chair. RAVI approaches him.	
		DISSOLVE

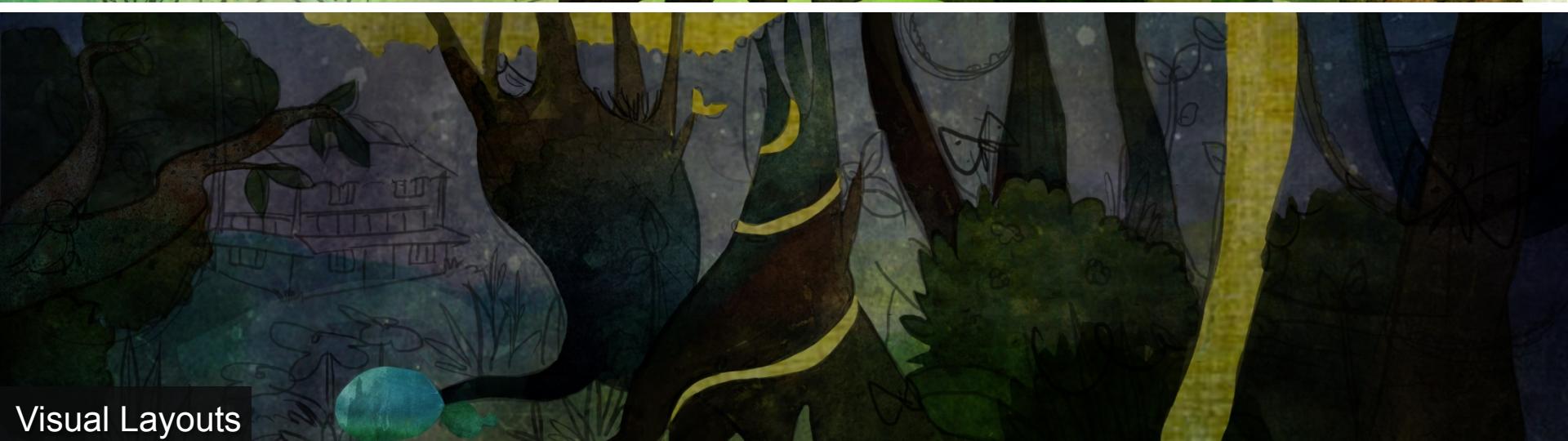


Tree visuals

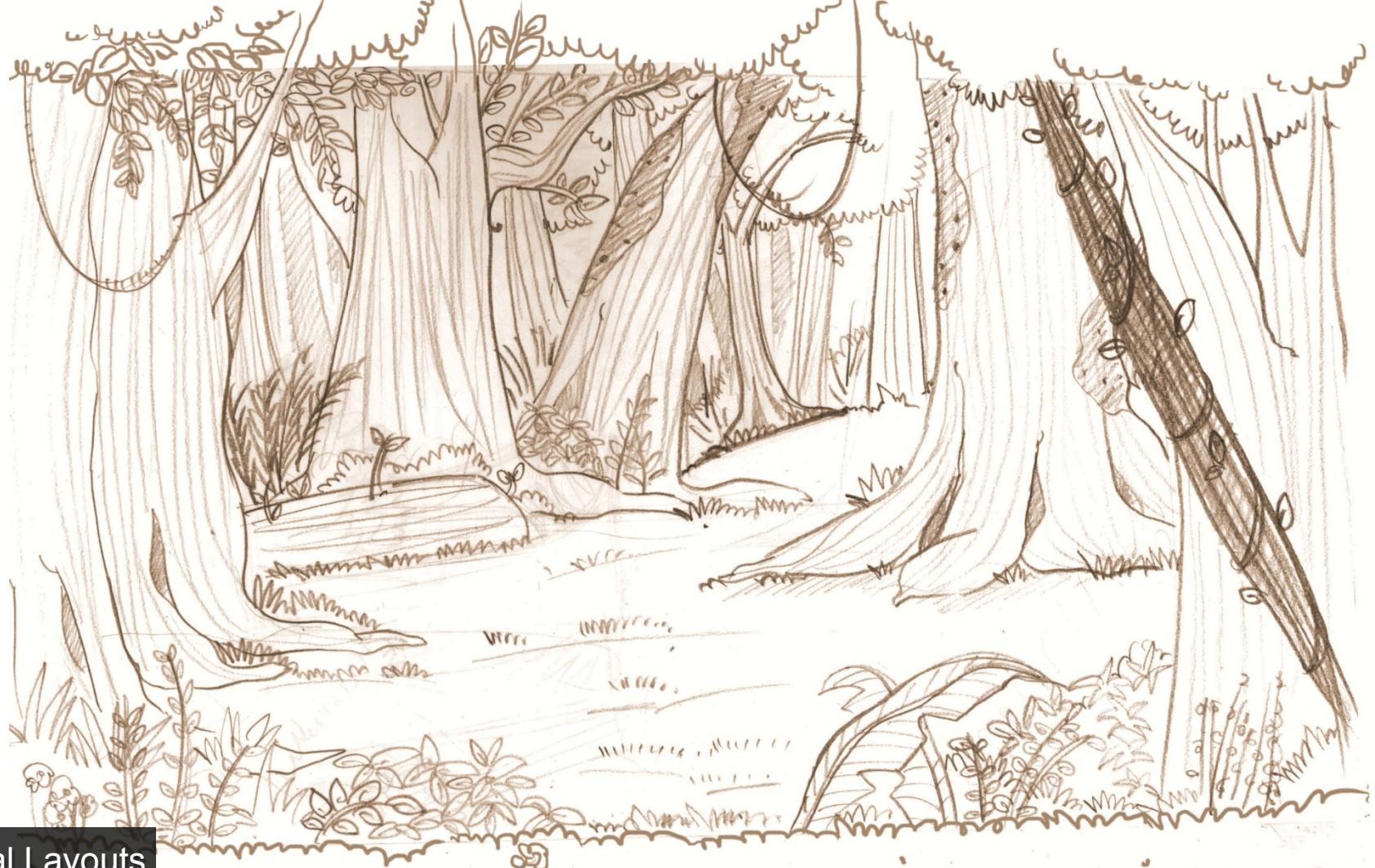


Tree visuals

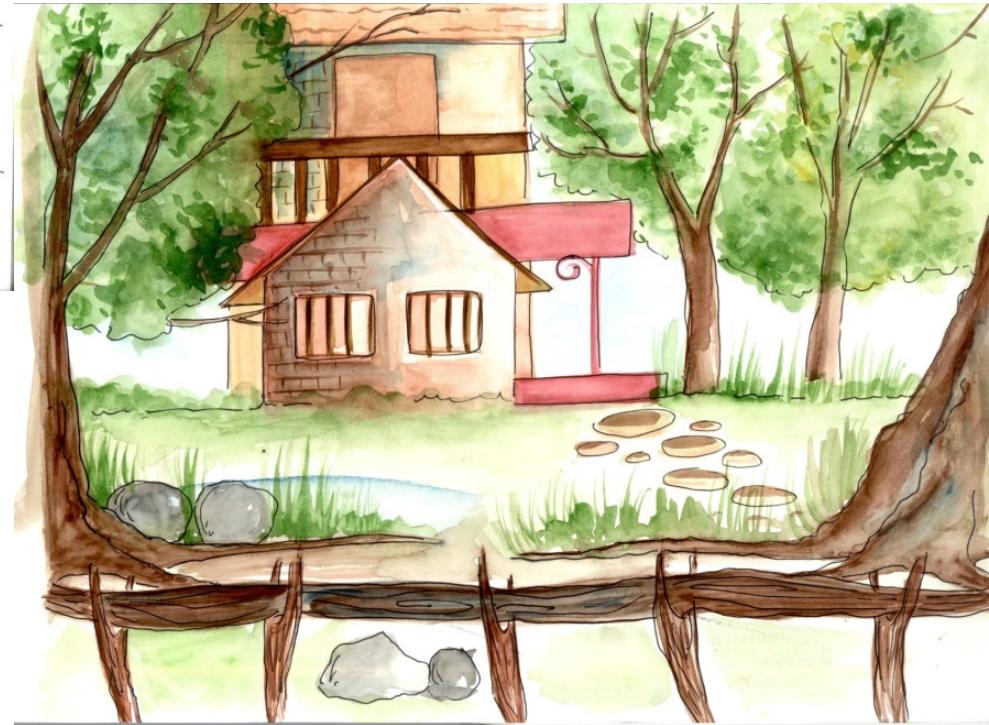




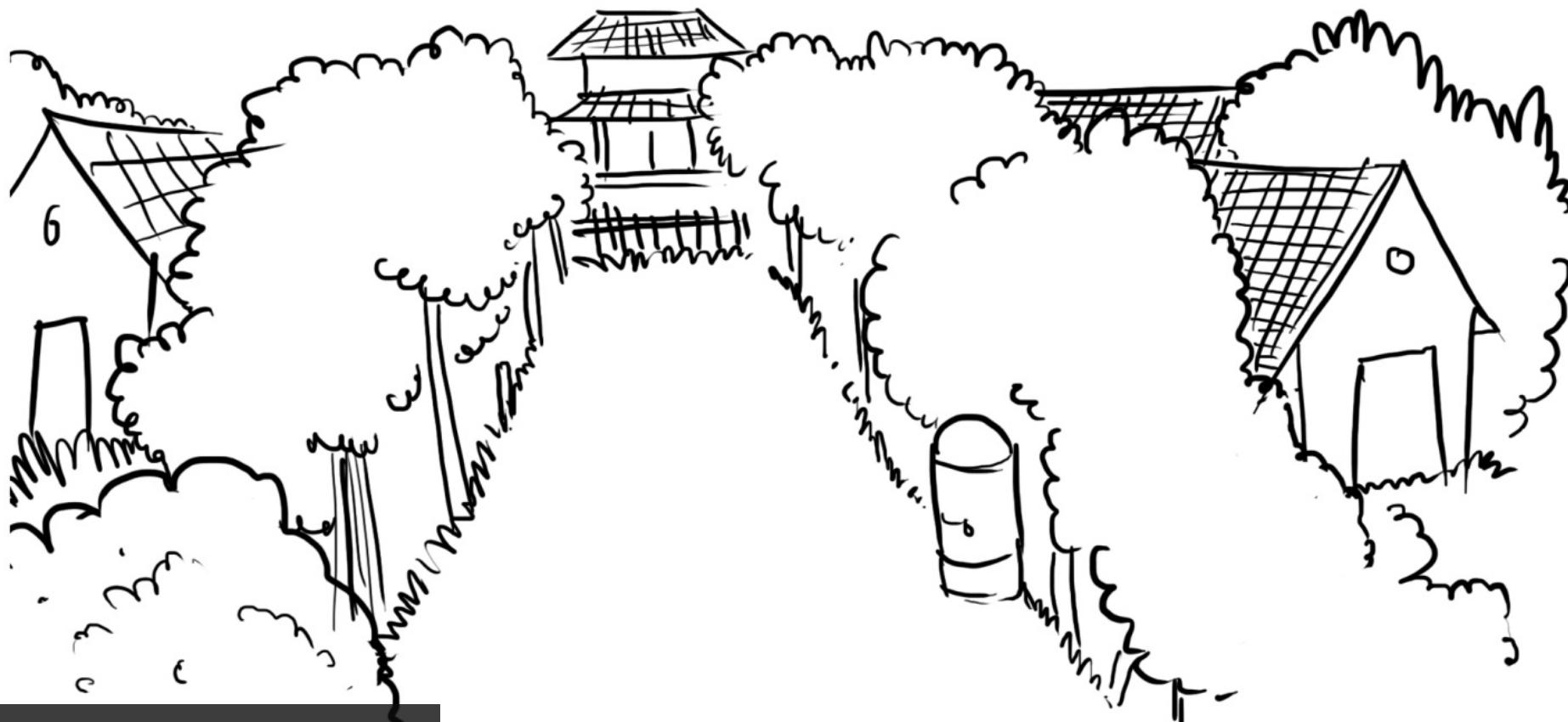


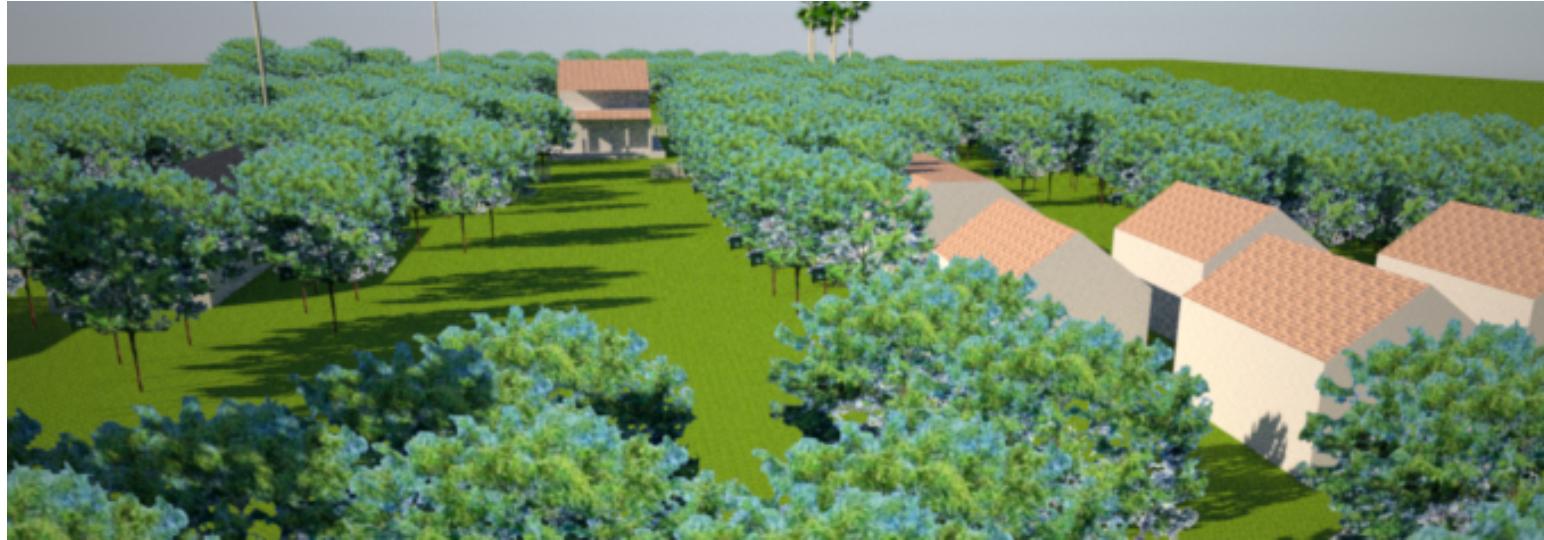






Deshmukh Wada visuals





Street leading upto Deshmukh wada

Mapping

Area around Deshmukh wada





Deshmukh wada front view



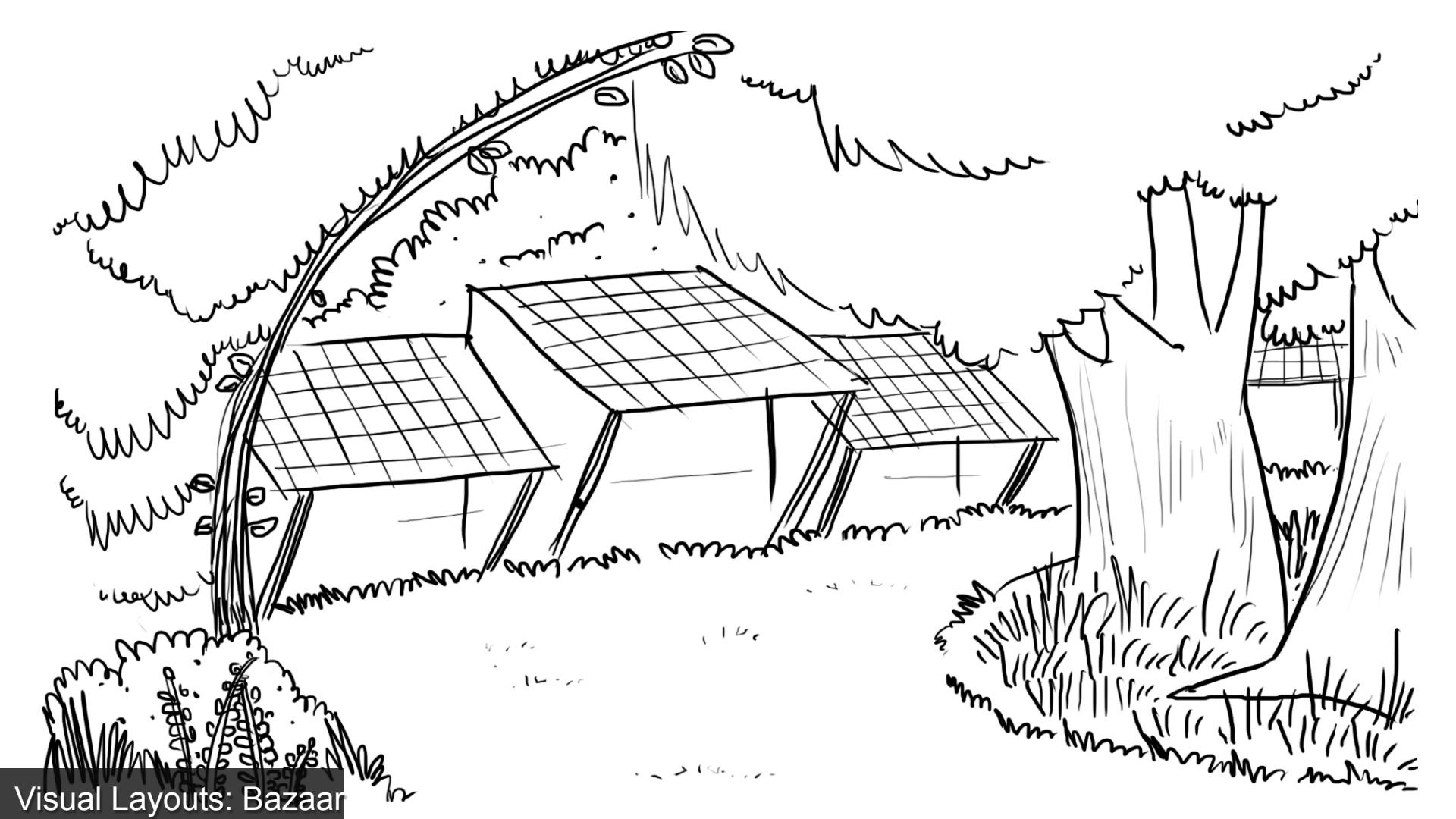
Deshmukh wada backyard

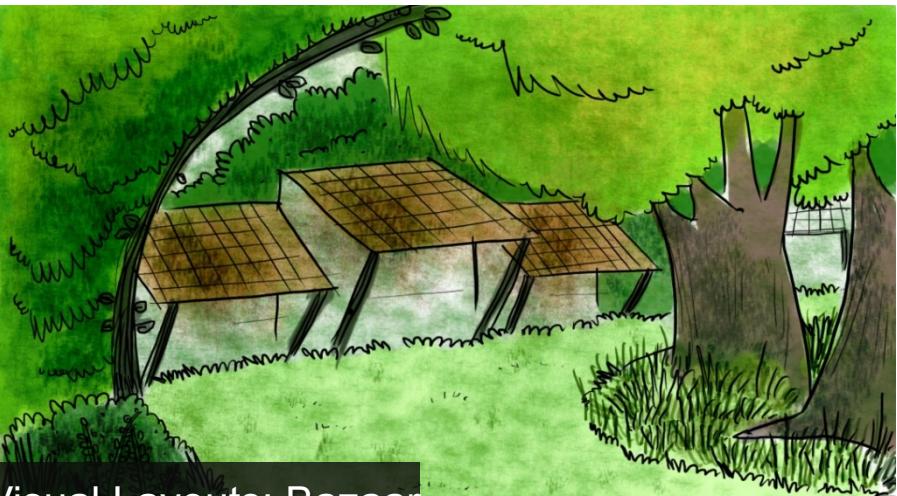
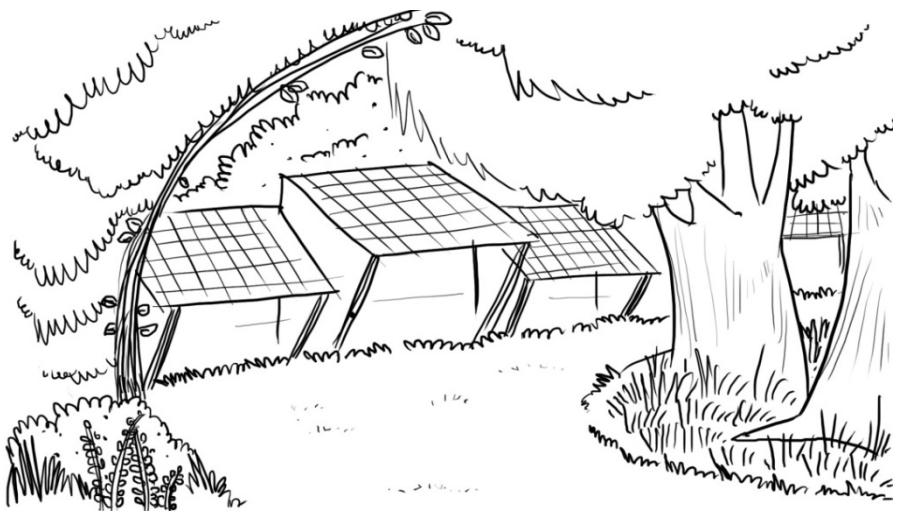


Deshmukh wada backyard

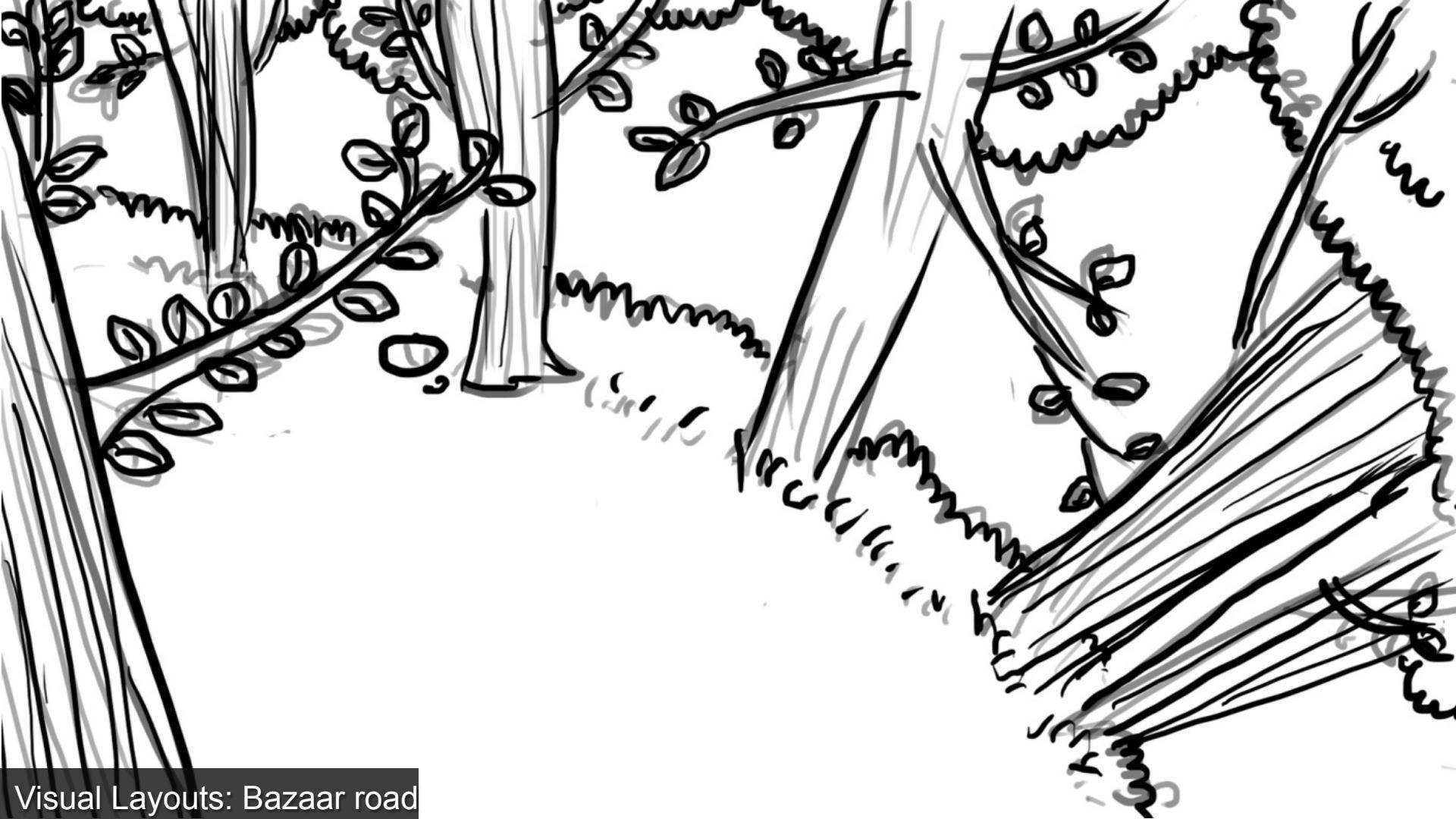


Deshmukh wada backyard

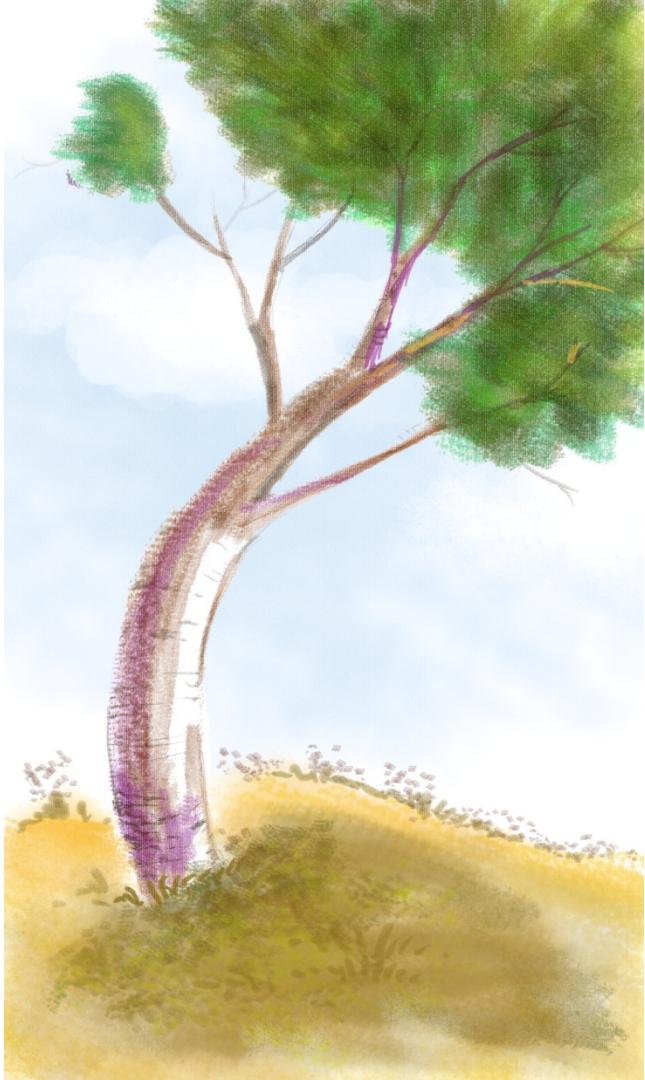




Visual Layouts: Bazaar



Visual Layouts: Bazaar road





Storyboards

Planting the tree //sound of birds chirping/general forest sounds; Foley of digging action//



Planting the tree //sound of birds chirping/general forest sounds; Foley of digging action//



Planting the tree //sound of birds chirping/general forest sounds; Foley of digging action//

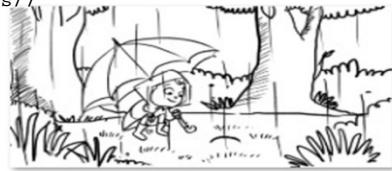
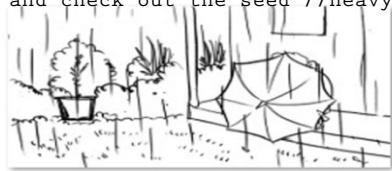




Rain sequence: Moss growing on walls; Transitions to depict passage of time & seasons //heavy rain sounds//

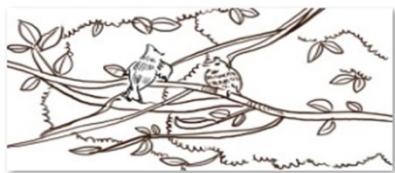
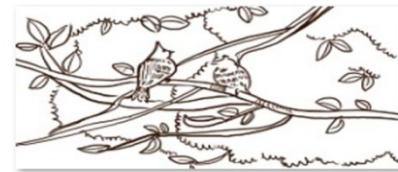


Top view of house in monsoon



Opening umbrella to go out in rain and check out the seed //heavy rains//

Season transition: winter begins, implied by falling leaves //sound of winter wind//



Looking through magnifying glass //foley of forest sounds//



Production Notes: anxious music (?)



Migrating geese flying back, onset of spring, joyous music or only foley (?)



Ravi's shout distracts grandpa



Grandpa approaches him



Zoom onto sapling // joyous music or only foley (?) //



Season transitions, now from tree perspective



Goat sound, bell tinkling

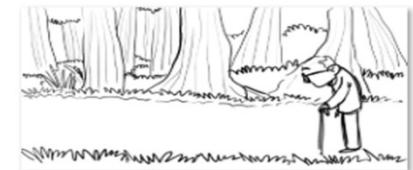


Season transitions, now from tree perspective

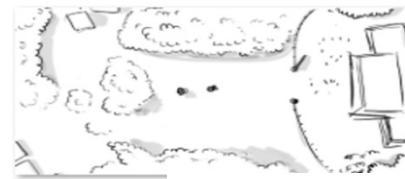
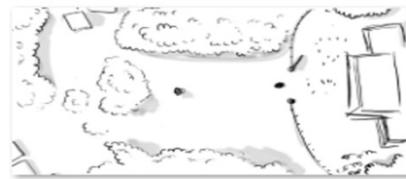
Tree's first visitor, praying mantis //mantis sound//



Tree's second visitor, hairy caterpillar //caterpillar sound//



Season transitions Passage of years (!)



Tree in blossoms on Ravi's birthday //magical music//





forest)// sound foley), peace



29



Backyard party //kids chaos//



30



Grandpa and Ravi under tree //silence (only



31



28



32



33



34

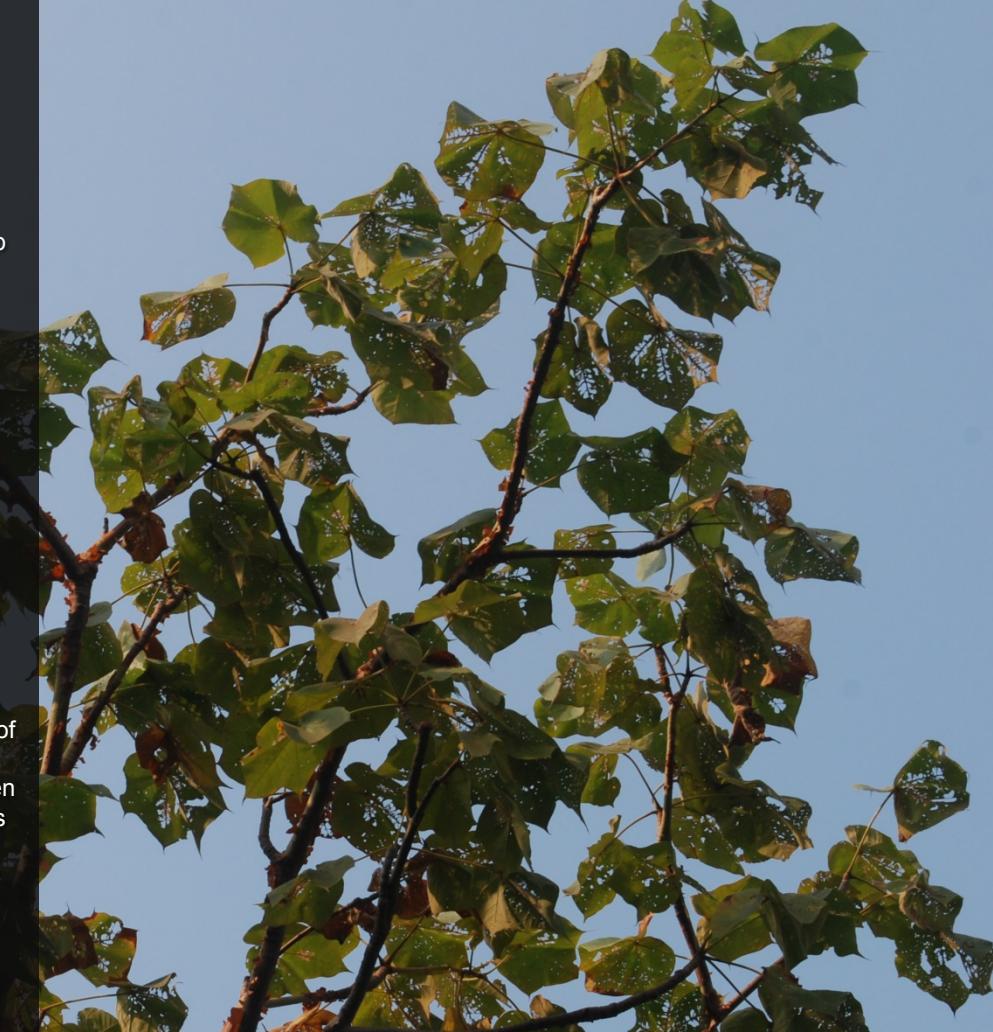


Ravi goes to call his friends //realisation music//



Sound Benchmarking:

- Shwaas (Marathi film): The film has mainly foley and environment sounds, which double the impact of the bare rural life. Be it the birds chirping, the voices echoing in the plantations, the sounds of sea drowning the dialogues
- Marley and me: the music of this film echoes the sentiment of companionship and the impending loss of that companion. It operates on modern classical music.
- Up: There is a common musical motif running through all the soundpieces. It speaks of Carl and Ellie's relationship, the driving factor of the movie's plot. The music, though, is reminiscent of the golden 30s and 40s in the USA typically, with slow jazz, blues and the use of clarinets, saxophones, violins, cellos, etc.
- Pursuit of Happyness: The movie is immediately deciphered as an inspiring feel good movie from the music. Its almost ethereal with simple piano arrangements and deep bass accompanying it to give it a feeling of 'rising'. The audience can feel the protagonists struggles, helplessness and eventual victory over circumstances due to the music.
- Harishchandrachi Factory: The music is typical to Marathi cinema, its early successes. Since it evokes an era of 1920s Mumbai, there is conscious use of tram-bells, flutes, organ and other musical accompaniments, most of which were used in live plays back then. It resonates with the Marathi audience even today, and coupled with the detailed production design successfully recreates that era.



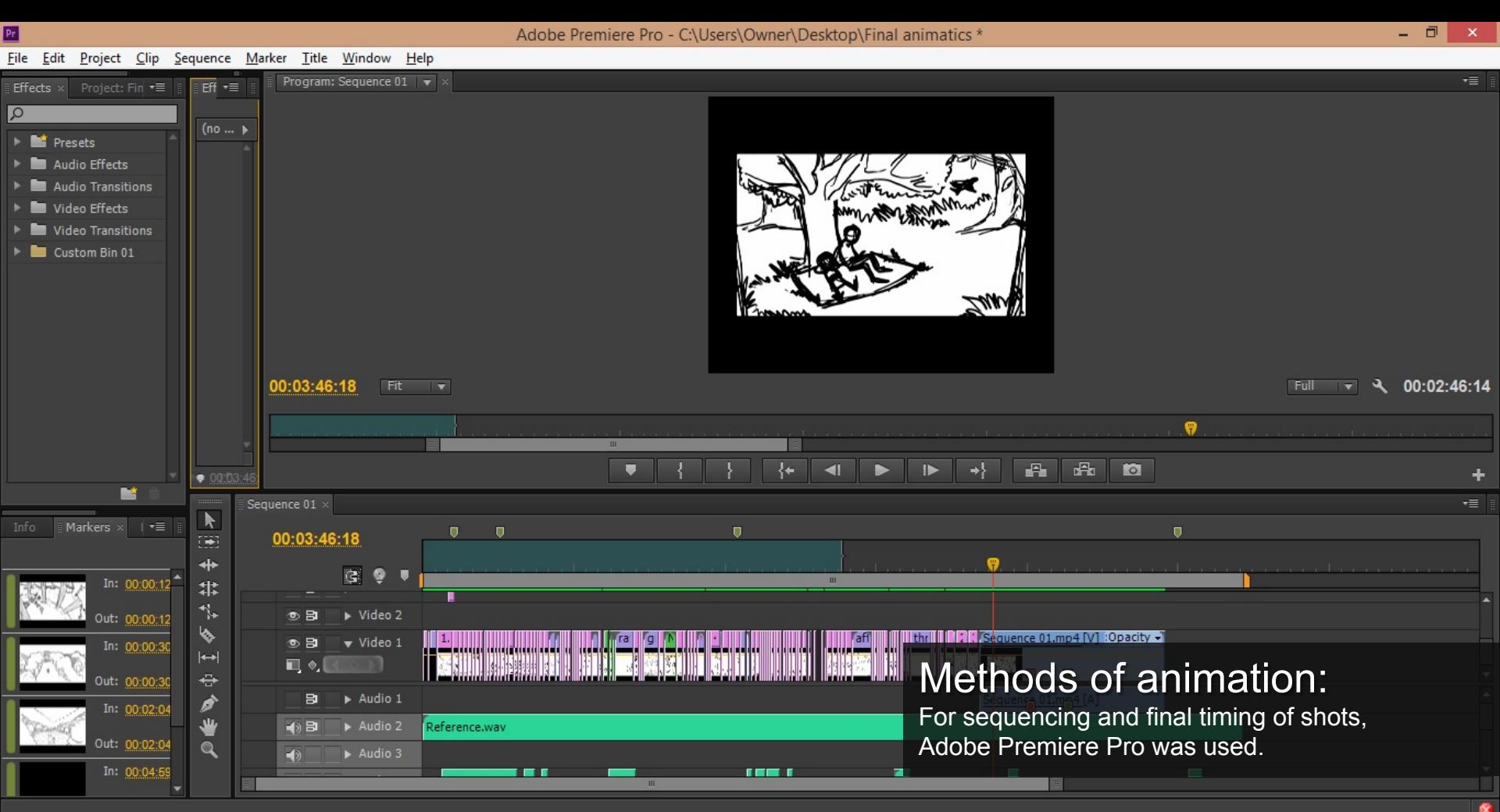
Methods of animation:

Both traditional and digital techniques were used for animation. Majority of the animation was done in 2D traditional style using a lightbox.

	A	B	C	D	E	F	G	H
1	Scene No.	Estimated Time	Shot No	From	To	Time	NO. frame	Action
3	1		1	0	0.04	4sec	48	Village
4			2	0.04	0.05-1	2.30sec	35	Boy walking from jungle
5			3	0.05-12	0.08	2.30sec	56	buying jamuns=giving money and taking bags full of jamuns
6			4	0.08	0.11-15	3.30sec	87	walking and eating jamuns
7			5	0.11-15	0.15-12	4sec	91	boy throw jamun in air and catch in mouth, smiles
8			6	0.15-12	0.18-1	3sec		walking inside wada
9			7	0.18-11	0.20-2	3sec		asking grandpa for jamuns
10			8	0.20-20	0.23-14	3sec		grandpa says ofcourse and take one jamun
11			9	0.23-14	0.25	1.30sec		ravi eat other two
12		20sec				25sec		
13								
14								
15								
16	2		1					Asking grandpa "are seeds important?"
17			2					Grandpa ans
18			3	0.29-7	0.31-11	2.1sec	56	Ravi and grandpa planting seed
19			4				19	Ravi throwing soil on ground
20			5			1.6sec	28	wiping his hands
21			6					ajoba looking towards ravi curiously
22			7					ravi putting seed inside
23			8					covering soil
24			9					ajoba laughing and saying very good
25			10					ravi smiling looking towards ajoba
26		15sec				15sec		
27								
28								

Before proceeding to animation, a detailed shot breakdown list was prepared.





Methods of animation:



thank you