IDC, IIT-BOMBAY,
COSMIC- NTU- SINGAPORE,
PRESENTS

Bloody

VAMPIRES

'A FILM BY GOVIND JANARDHANAN'

GUIDE: PROF. PHANI TETALI

MALARIA

- Discovered by **Sir Rolnad Ross** in 1897.
- 'Bad Air'
- **5 TYPES**-

P.Falciparum and P.Vivax(cause death)

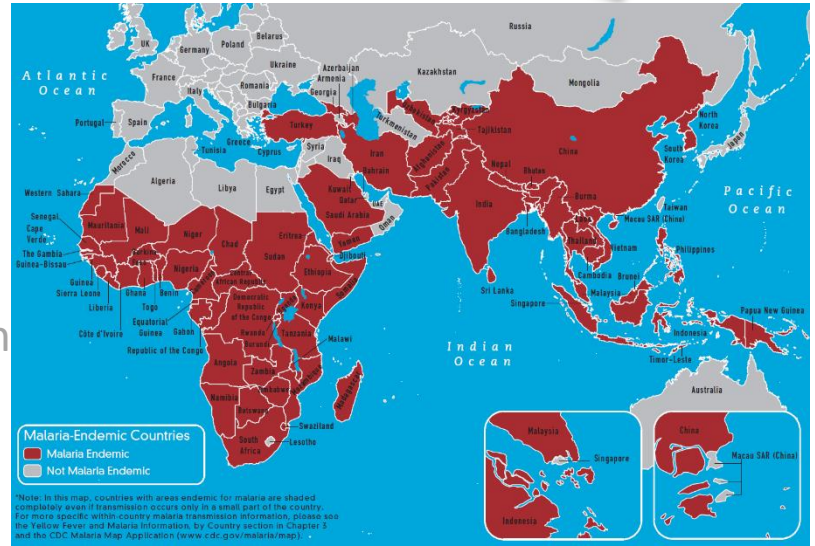
P.Ovale and P.Malariae(fatal)

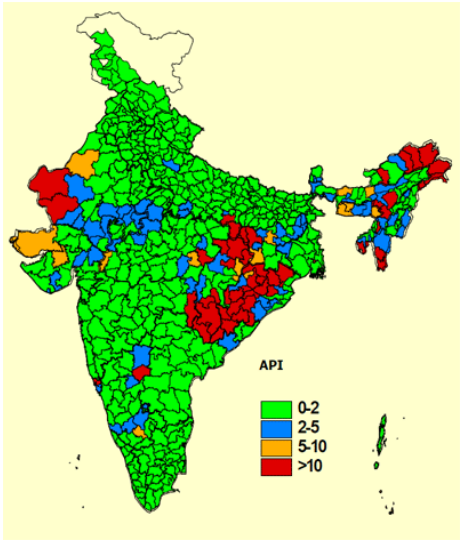
P.Knowlesi (is Endemic: native to a particular place) prevalent in South East Asia causes malaria in Macaques (monkey) that cause severe infection to human beings.

- Sub-tropical and tropical regions with rainfall, warm temperature.

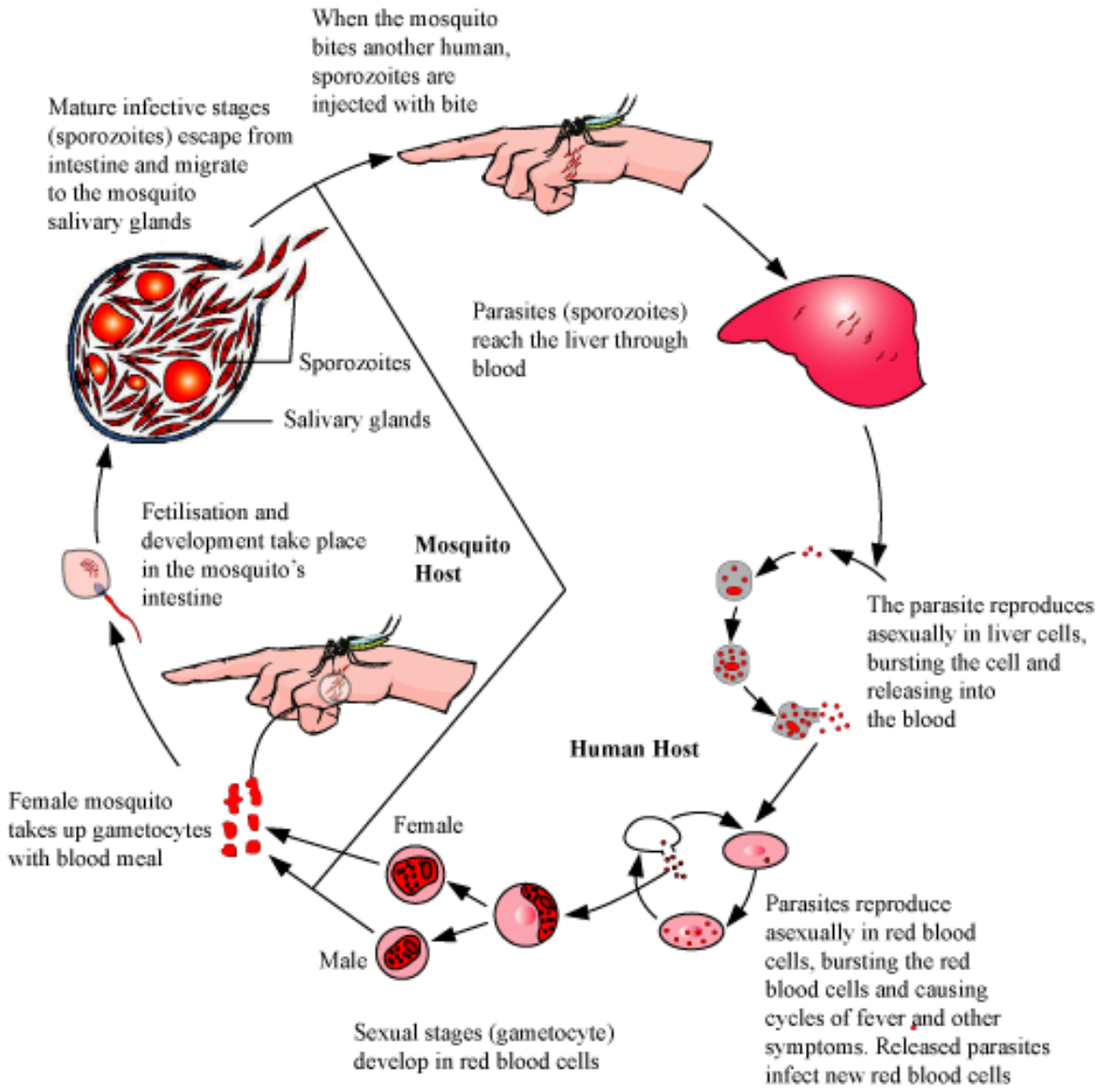
In World-South and Central America, Africa, the Middle East The Indian sub-continent, South East Asia and Oceania etc...

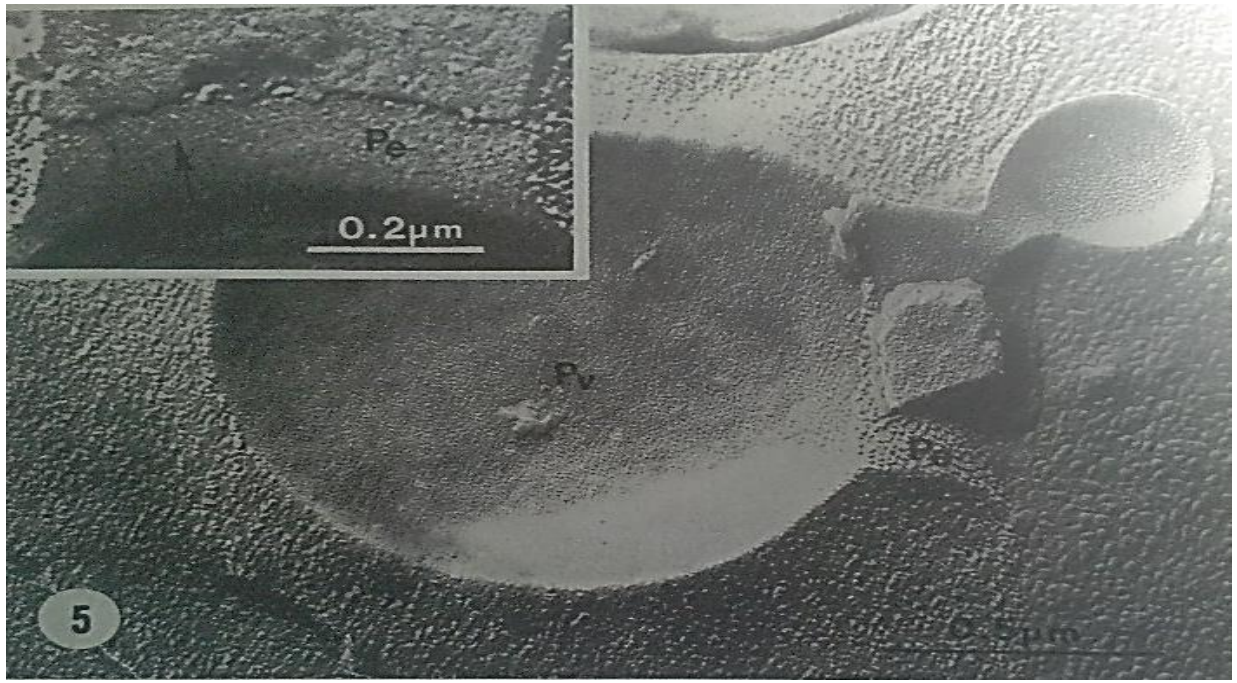
In India-Orissa, Chhattisgarh, Uttar Pradesh, Madhya Pradesh , Gujarat, Maharashtra, West Bengal etc...



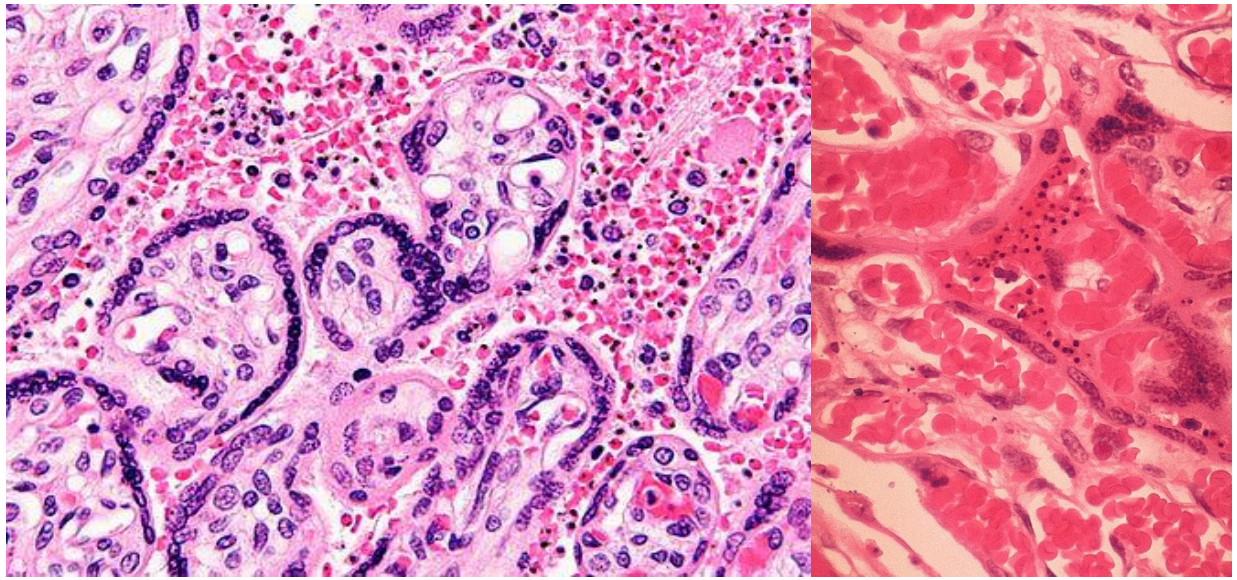


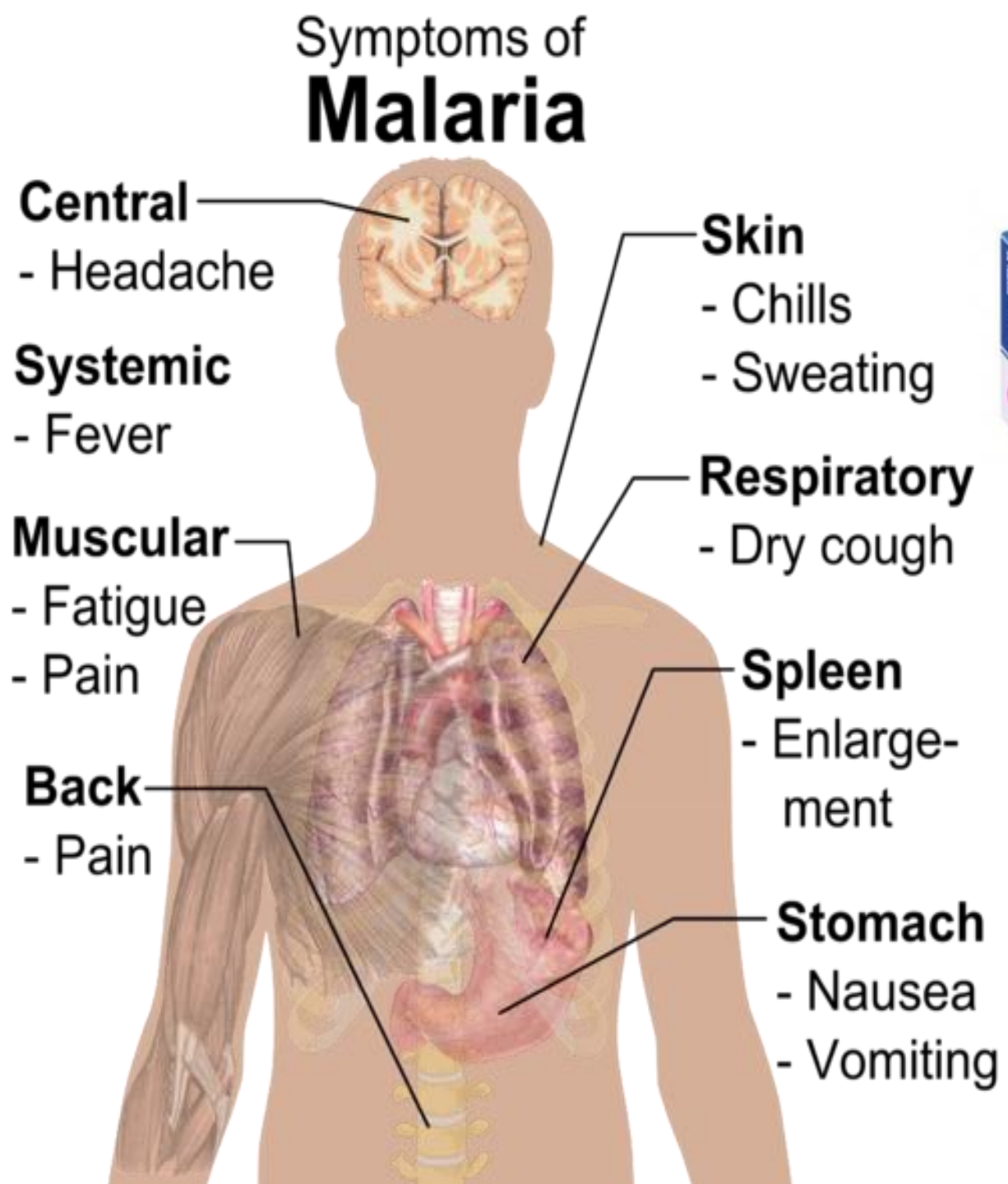
Malaria parasite





PLACENTAL MALARIA





- Fever differs with respect to the kind of Plasmodium;

-Every- 2Days- P.vivax and P.ovale

-3Days- P.malariae

-36-48Hours- P.falciparum(MOST SEVERE AND DANGEROUS)

-Complications: Pulmonary Edema-(Respiratory distress) caused by P.falciparum -25% in Adult, 40% in Children)

- Quinine, Quinidine, Mefloquine etc... Are used to treat P.falsiparum .
- Mosquito nets, insect repellents, spraying insecticides growing fish which feed on larvae(Gambusia fish) etc... are some preventive measures.

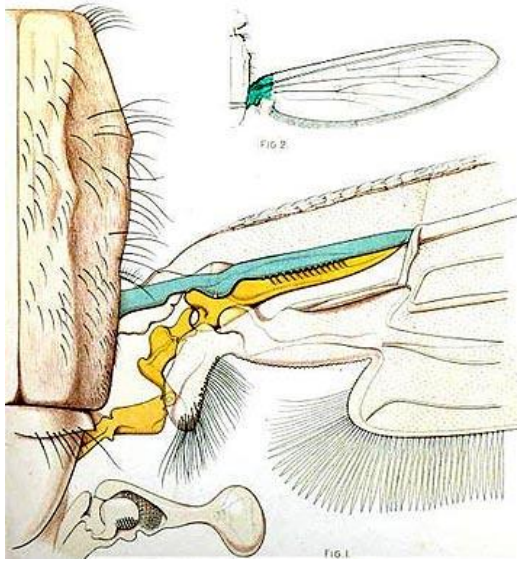
some FACTS

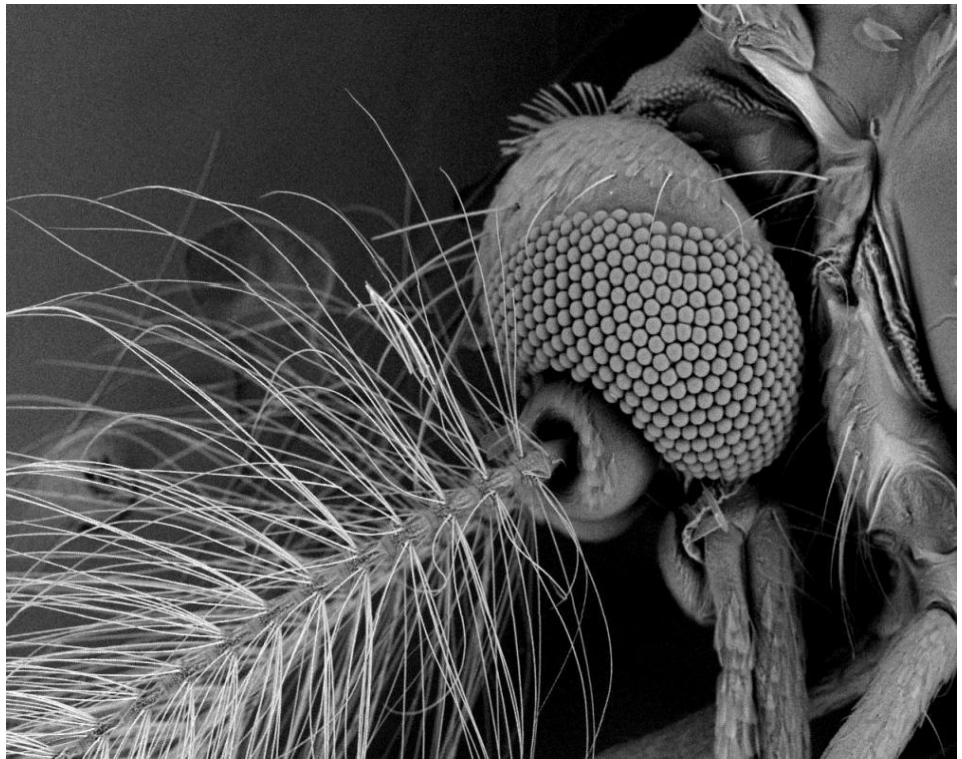
- Louis M.Roth, who studied on Yellow Fever mosquitoes during World War-II discovered-

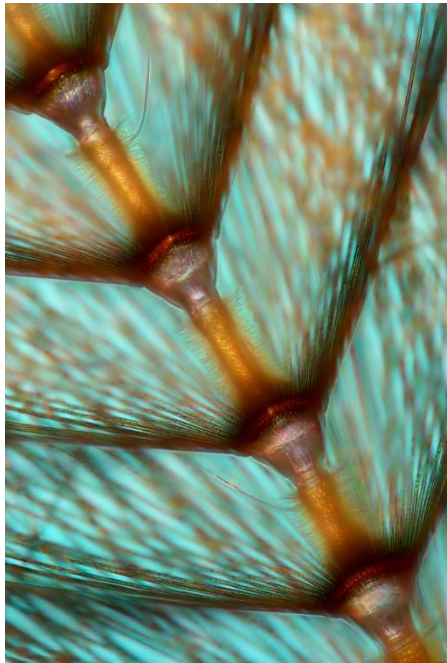
-Mosquito buzzzz…z

-buzz to find their mates

- 7000 Sensory cells
- D.r.Christopher Johnston discovered-mosquitoes hear sound through their antenna-named later 'Johnston Organ'.
- Can sense tiny trace of smell
- Attracted to the carbon dioxide
- Female larger in size

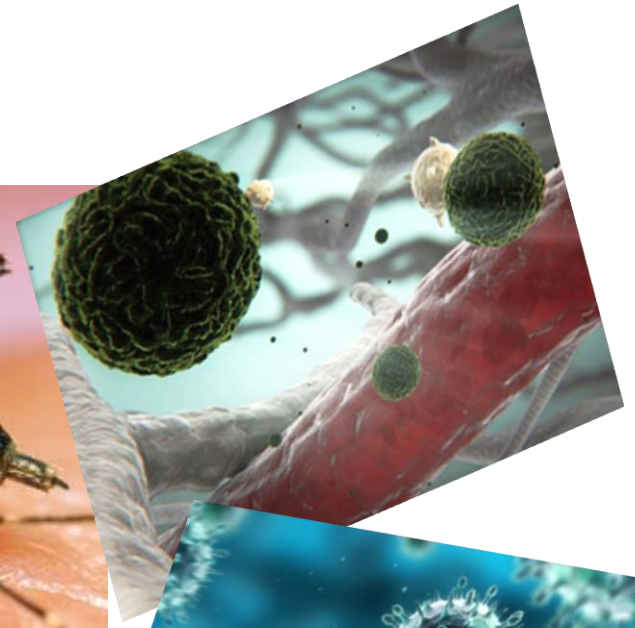


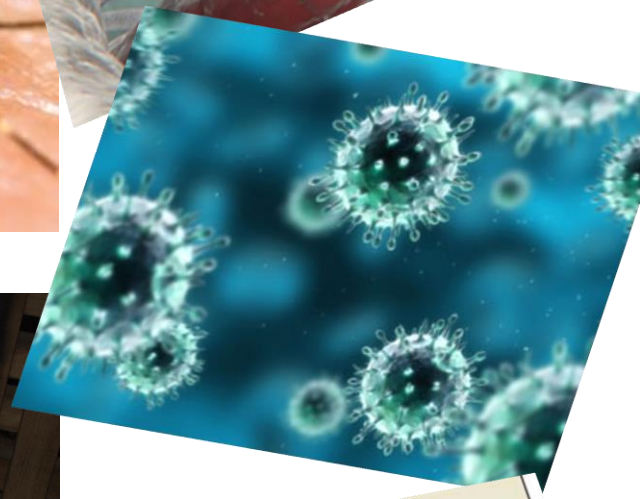


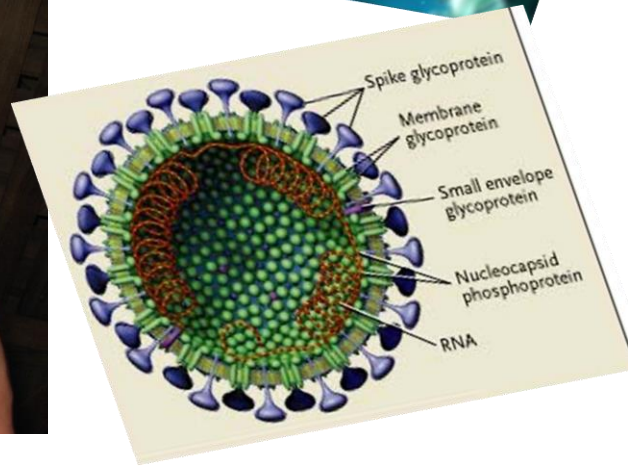


DENGUE

- Dengue also known as ‘Break bone fever‘
- Aedes Greek meaning 'unpleasant‘
- Dengue fever Virus is an RNA (ribo nucleic acid) and the vector Aedes aegypti
- Male Aedes do not bite.
- Life span of 2weeks.
- They are found on tropical and subtropical regions. India, Thailand and Indonesia are having major health problems related to dengue.







SYMPTOMS:

Fever/ headache (typically behind the eyes)

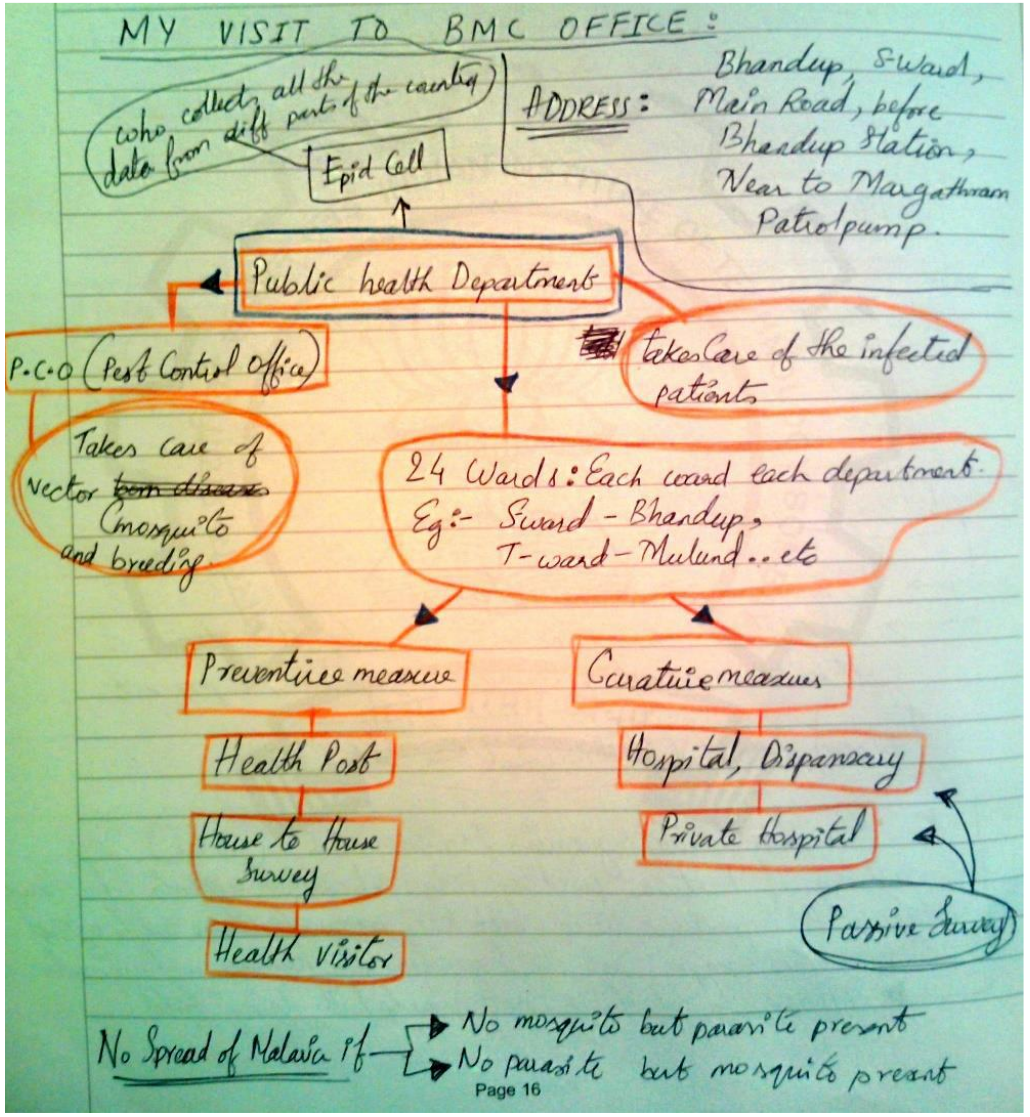
skin rashes/ muscle and join pains etc...

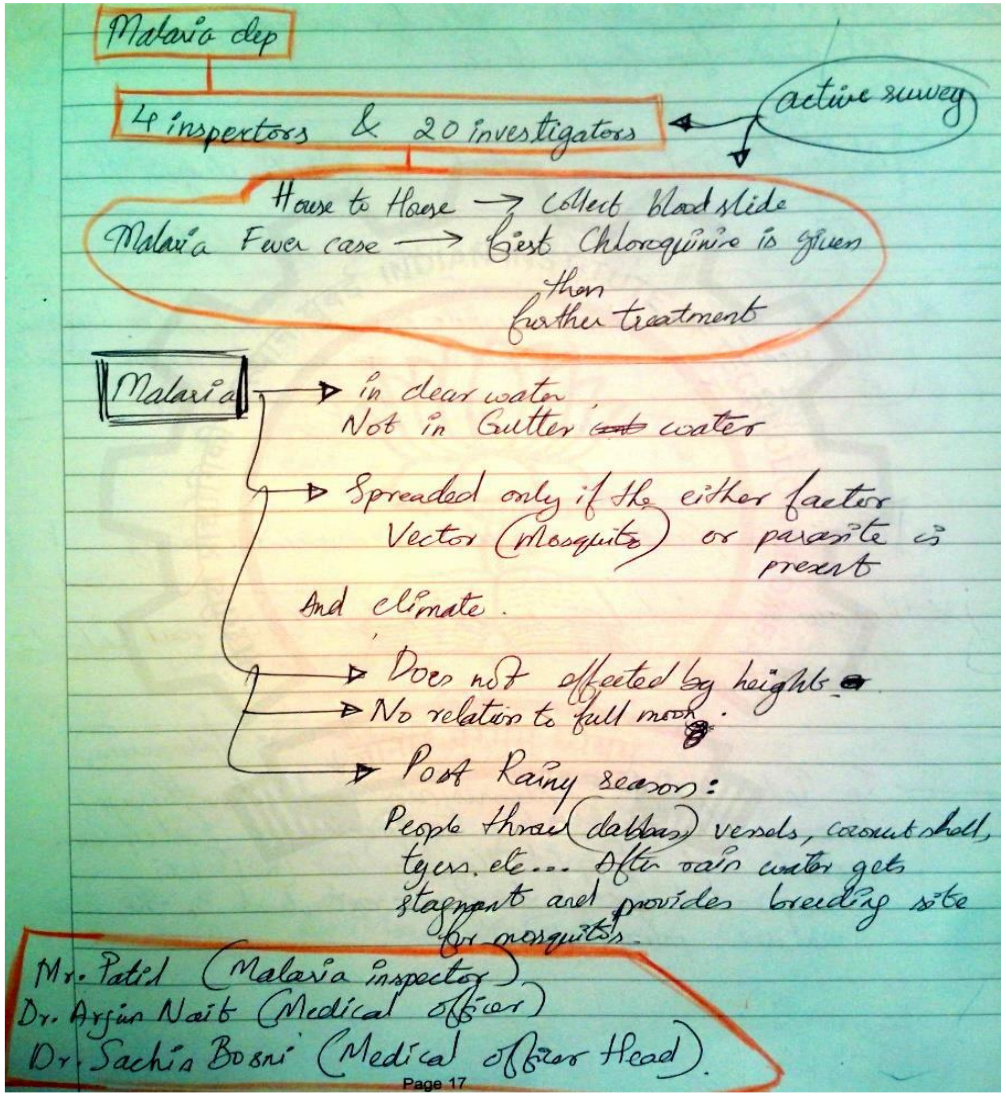
Other two ;

symptoms are- Dengue hemorrhagic fever (resulting in bleeding, low levels of blood pallets) and Dengue shock syndrome (dangerously lowers blood pressure).

- Blood transfusion.
- People infected with dengue are typically asymptomatic (80% showing only mild fever).
- No vaccination till date.
- Remove stagnant water, toilet bowls, clean water tray of cooler every day, burn camphor in rooms, mosquito net etc… for prevention.

MY VISIT TO MUMBAI PUBLIC HEALTH DEPARTMENT

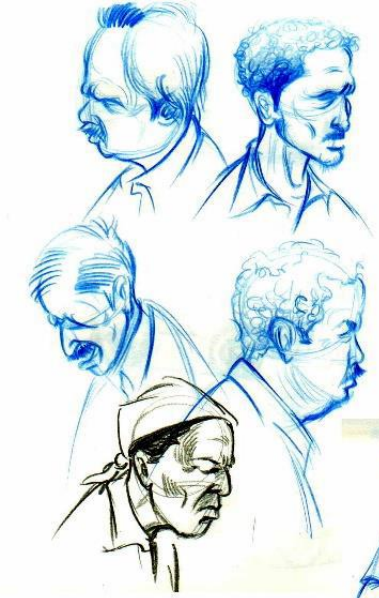


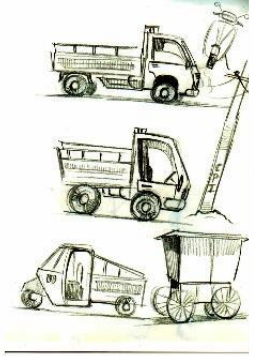


RESEARCH IN KERALA

- Traditionally developed mosquito replant ‘Fogging' to kill mosquitoes
- Consumption lots of liquid
- Rubber plantation
- **Myth**

KERALA CHARACTER STUDY:

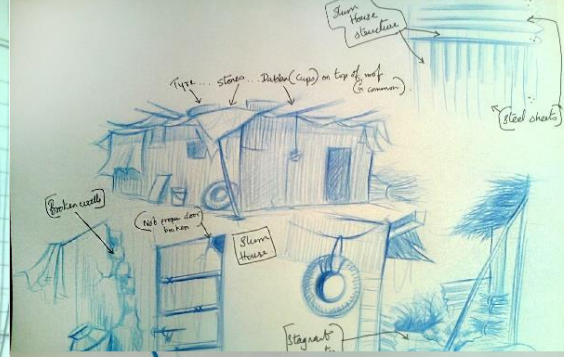




lorry driver

Muslim lady

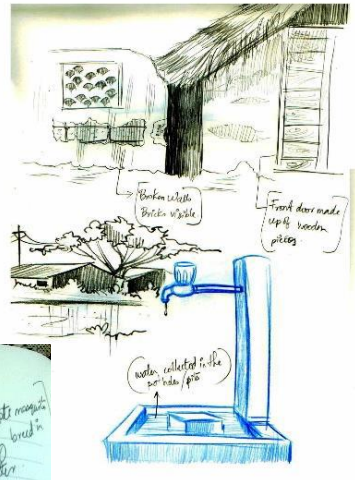
SLUMS OF KERALA
Research work
Date :
People living in thick population - lead to unhyginess in surroundings
accumulating waste
plastic cans, coconut
Pots


Slum House structure
Tyre
stones
Bricks (cups)
on top of roof
(a common
tiled sheets
Broken walls
Slums House
Stagnant

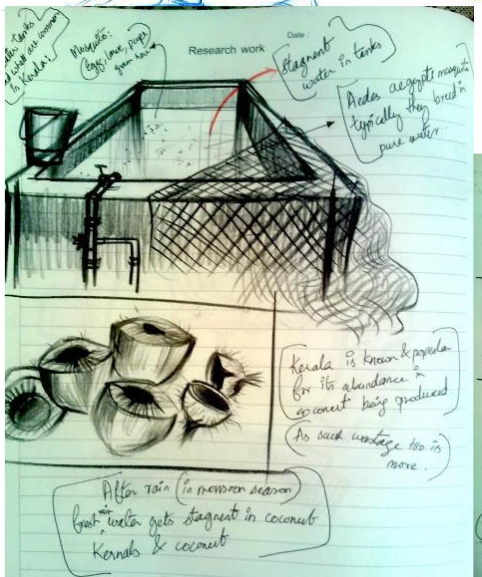
Muslim lady:
Black scarf
vibrant saree
color
office lady in saree

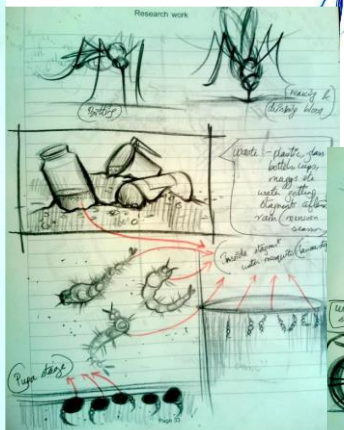
Electric post
Bottle tied to the pant
For cable
goats
water in
tumbler
Bricks used
for
house
steps
House structure
Coconut tree leaves
Thatched roof
made into walls
Water drainage
Stagnant
water adding
rain

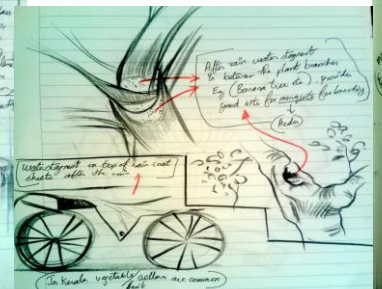
NEWS PAPER
SELLER

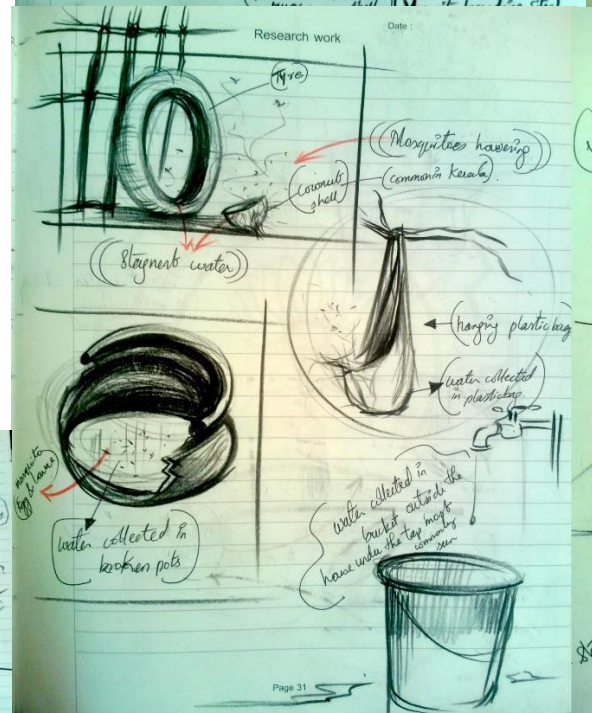

Broken walls
Bricks visible
Front door made
up of wooden
pieces
water collected in the
pot holes / pits

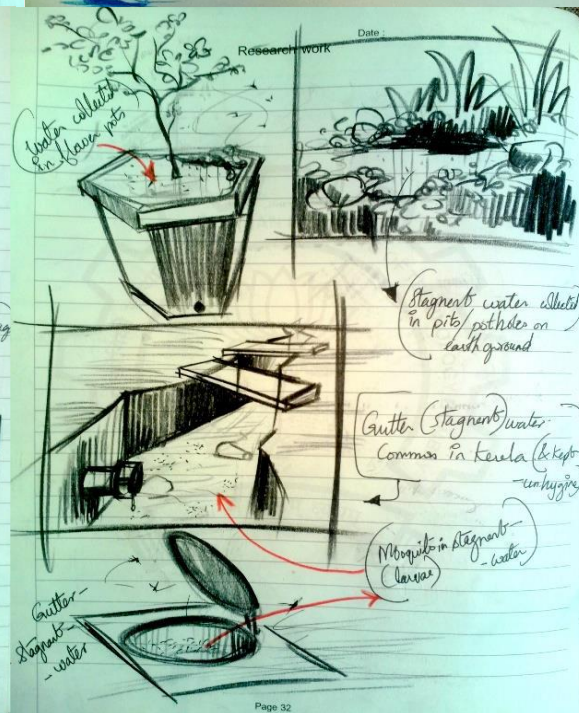
Mosquito breeding sites here :
stagnant water
on sturdy plastic sheet water could get stagnant


Research work
Date :
Mosquito
(eggs, larvae, pupa)
seen here
Stagnant
water in tanks
Aedes aegypti mosquito
typically they breed in
pure water
Kerala is known & popular
for its abundance in
coconut being produced
As such wastage too is
more.
After rain (in monsoon season)
fresh water gets stagnant in coconut
Kernels & coconut

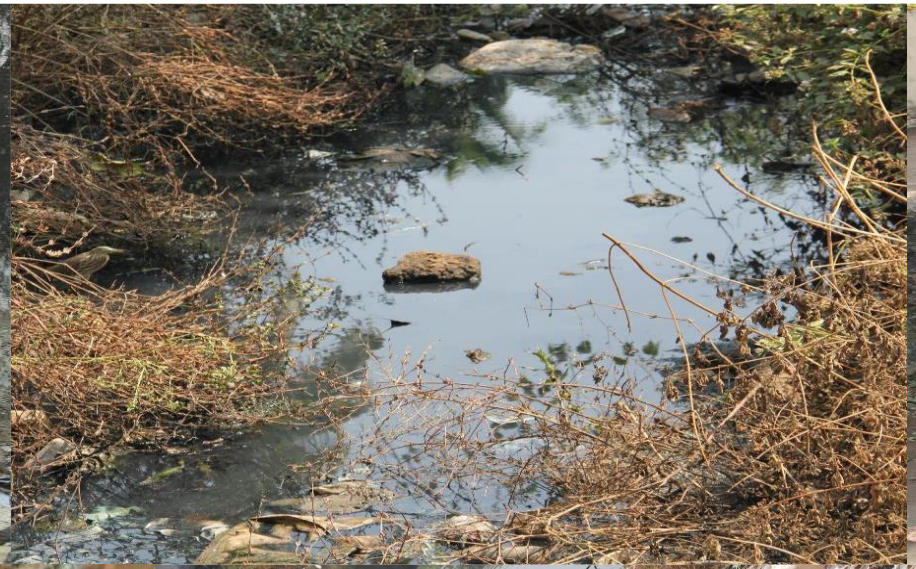

Research work
Waste - plastic items
bottles, bags,
wrappers etc
water getting
stagnant after
rain (monsoon
season)
Pupa stage


After rain water stagnant
in between the plant branches
Eg (Banana tree etc) - provides
good site for mosquito breeding
Water stagnant on top of tin coat
sheets after the rain
In Kerala vegetable gutter are common

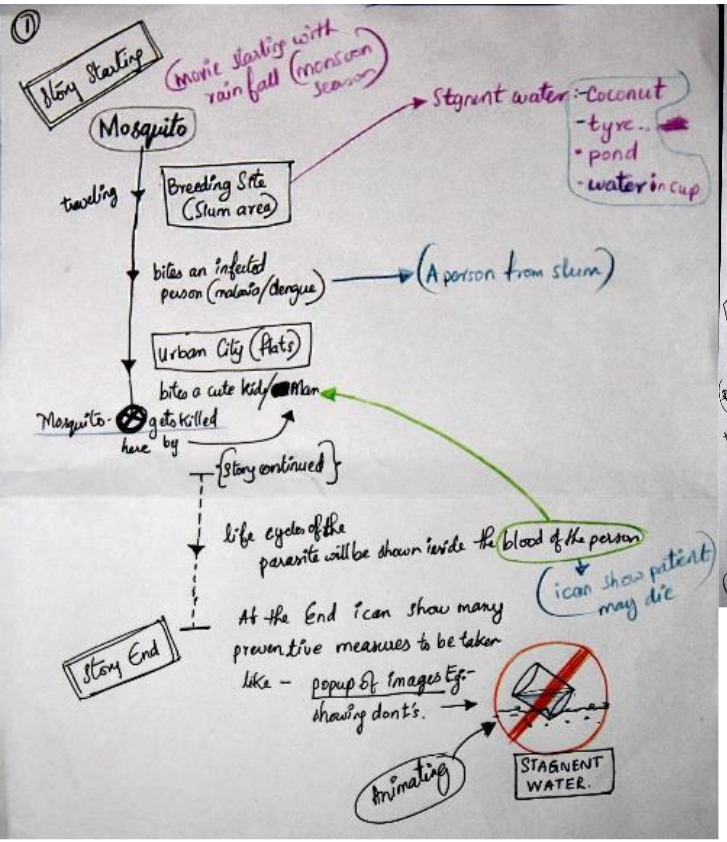

Research work
Date :
Tyre
Mosquitoes hovering
(common Kerala)
Coconut
shell
Stagnant water
hanging plastic bag
water collected in
plastic bag
mosquito
(eggs & larvae)
water collected in
broken pots
water collected in
bucket outside the
house under the tap mostly
common
Page 31

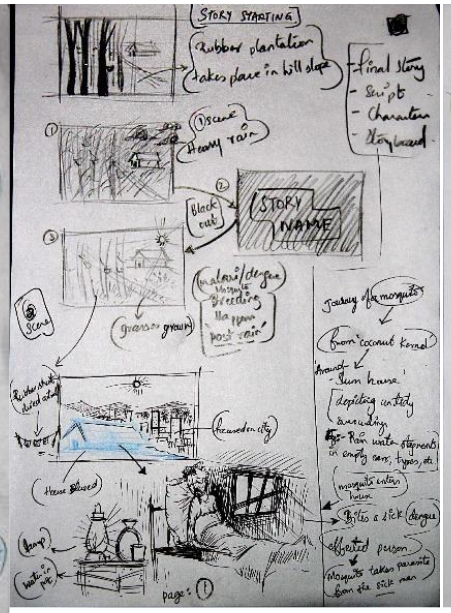

Research work
Date :
Water collected
in Flower pots
Stagnant water collected
in pits / potholes on
earth ground
Gutter (Stagnant) water
Common in Kerala (& kept
unhygiene
Mosquito in stagnant
water
Gutter
Stagnant
water
Page 32

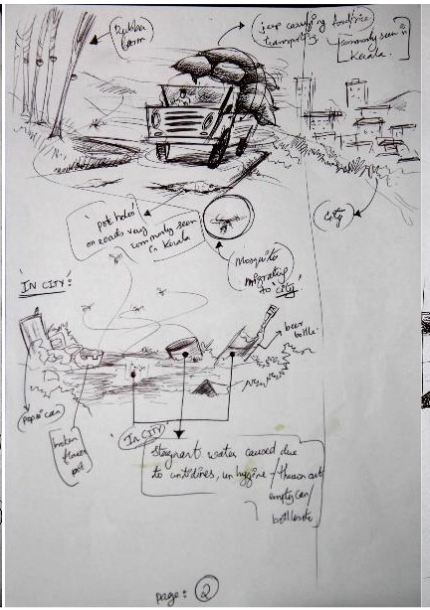
Onsite visit:

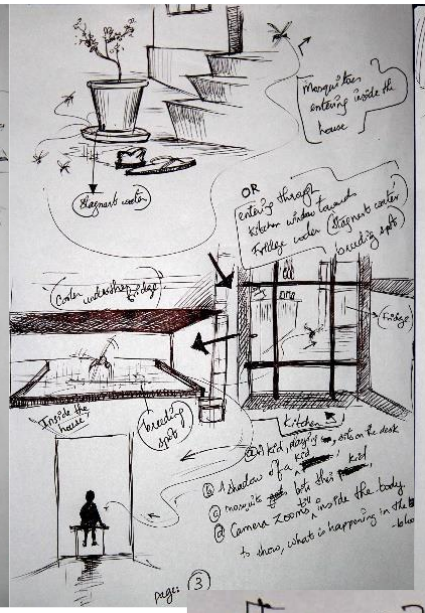


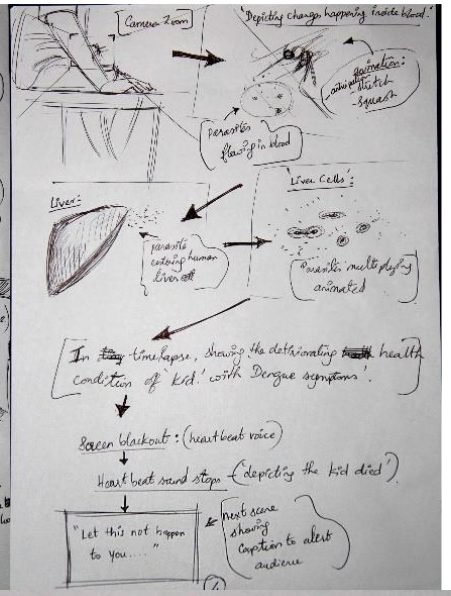
IDEATION

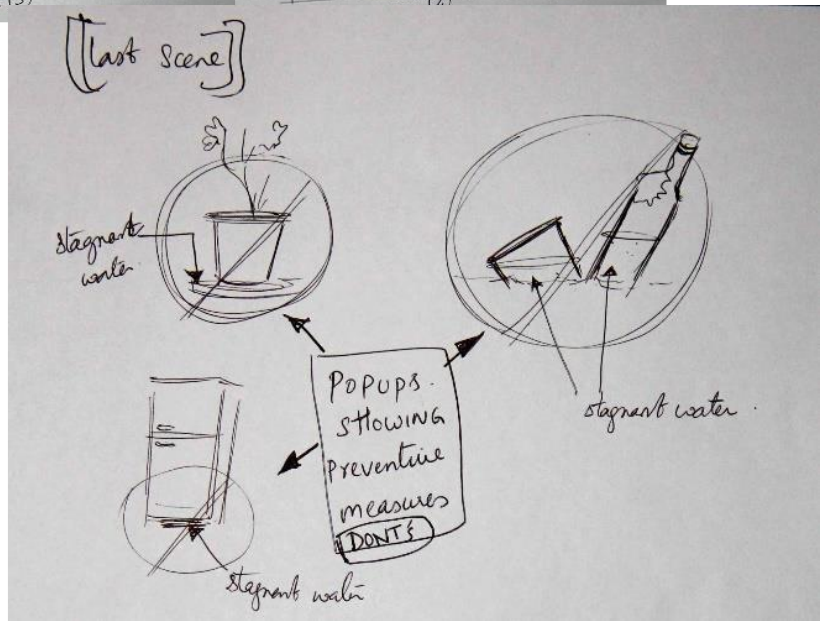

Story Starting
(movie starting with rain fall (monsoon season))
Mosquito
traveling
Breeding Site (Slum area)
Stagnent water
-Coconut
-tyre..
-pond
-water in cup
bites an infected person (malaria/dengue)
(A person from slum)
Urban City (Flats)
bites a cute kid/Man
Mosquito gets killed here by
{Story continued}
life cycles of the parasite will be shown inside the blood of the person
(can show patient may die)
Story End
At the End I can show many preventive measures to be taken like - popup of images Eg- showing dont's.
animating
STAGNENT WATER.


STORY STARTING
Rubber plantation
takes place in hill slope
final story
- Script
- Characters
- Storyboard
(1) Scene
Heavy rain
Black out
STORY NAME
(malaria/dengue)
Mosquito breeding in open post rain
grassy ground
Journey of the mosquito
from coconut kernel
Slum house
depicting untidy surrounding
Rain water stagnents in empty cans, tyres, etc
mosquito enters house
Bites a sick (dengue)
affected person
mosquito takes parasite from the sick man
Stream flowed
Pump
Water pot
page: (1)


Rubber farm
jeep carrying firewood
commonly seen in Kerala
"pot holes" on roads very commonly seen in Kerala
City
Mosquito migrating to city
IN CITY:
bear bottle
papad can
broken glass pot
IN CITY
Stagnant water caused due to cowdrives, in hygine (human activity (empty can/bottle/broke
page: (2)


Mosquitoes entering inside the house
Stagnant water
OR
entering through kitchen window towards Grilled window (Stagnent water) (accused's apt
Cooler
window
fridge
Inside the house
Breeding spots
kitchen
(A) kid playing on the desk
(B) A shadow of a kid
(C) mosquito bites the kid
(D) Camera zooms into inside the body to show, what is happening in the
page: (3)


Camera Zoom
Depicting change happening inside blood
animation: distorted squares
parasite floating in blood
Liver:
Liver Cells:
parasite entering human liver cell
parasite multiplying animated
In time-lapse, showing the deteriorating health condition of 'kid' with Dengue symptoms'
Screen blackout: (heart beat voice)
Heart beat sound stops (depicting the kid died)
"Let this not happen to you...."
next scene showing Captain to alert audience


[last scene]
stagnant water
POPUPS showing preventive measures
DONT'S
stagnant water
stagnant water

STORY CONCEPTS:

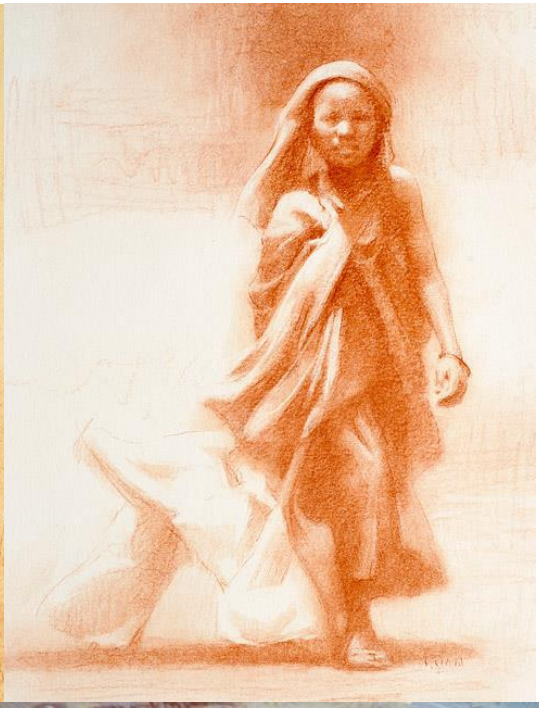
- **[GENRE: Animation documentary type**] Narrating the story parallel in both 'slum' and 'city' simultaneously, highlighting the factors such as the breeding sites of mosquitoes (depicting that this disease malaria/dengue are the root cause of carelessness in hygiene by the people).
- **[GENRE: humor]** The story is narrated by a mosquito in a humor way, Background voice over of the mosquito speaking. And he narrates the story explaining his journey of his own life (where all the information regarding-the breeding sites, lifecycle, process of transferring infection is indirectly explained) at the end he (the mosquito) get killed by a human being, and there the story ends...
- **[GENRE: dramatic] (Inspired from the real story of Rahdha Krishna-IDC, IIT)-** A story driven by a school going child who is living in a slum area (poor) but education would be pursued from city. He is the only child in his family and he is very much homily in nature, but because of his expenses & wastage of time in journey in travelling daily to the far city where his institution is, his parents made him to stay in hostel. So, one day after long expectations and period of time he returns to his home, unfortunately he will suffer from 'severe dengue', Then, keeping the family in focused the narrator takes the camera to all the mosquito breeding sites explaining the fact. And at the end giving resolution.
- **[GENRE: humor]** Mosquitoes are pictured as bad evils (humor way), there by depicting the whole life (breeding sites, lifecycle, process of transferring infection is indirectly explained).
- **[GENRE: dramatic]** A happy family prepares to leave for a vacation. Out of their excitement they carelessly leave their house untidy. They reach a cottage/resort in their journey destination, where there will be full of mosquitoes... their child gets infected, from hospital they get to know child is infected with dengue. Doctor explains the facts and cause (Sudden flash back- parents visualize/ remembers the way they left home untidily) Soon they rush back and the moment they open the door they will see house full of mosquitoes in each and every nook in their house....

VISUAL DEVELOPMENT

STYLE REFERENCE

ARTIST: SUSAN LYON-(SKETCHES AND PAINTING)

- Focus is only in the character face (the way how he want the audience to look).
- Sketch feeling/ look.
- Visually Style brings life to animation.
- Monochrome Color.
- In his Painting, it's interesting the way he mould out the figure from the image just by the color strokes.

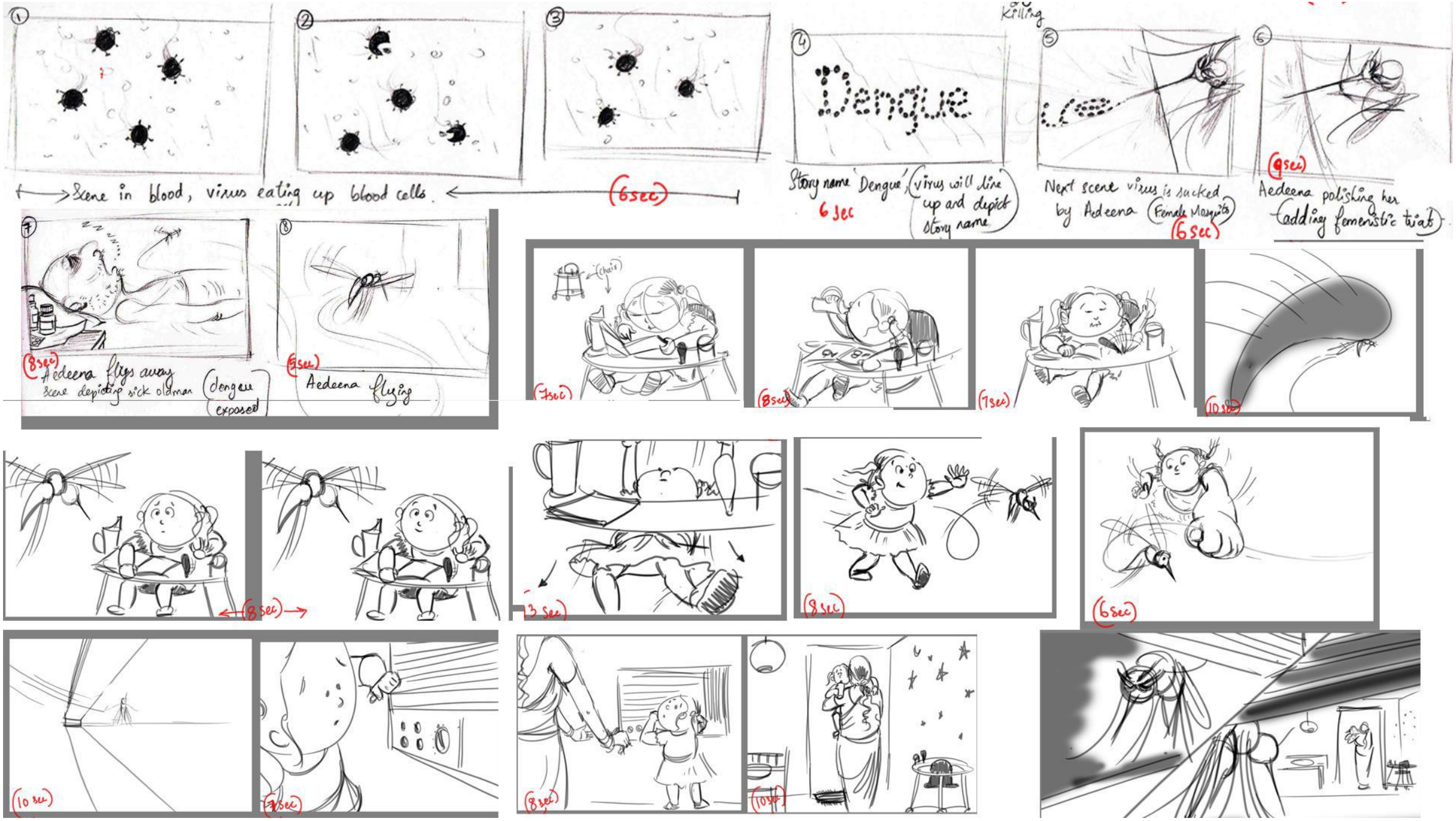


ARTIST: JEREMY LIP KING-(PAINTING)

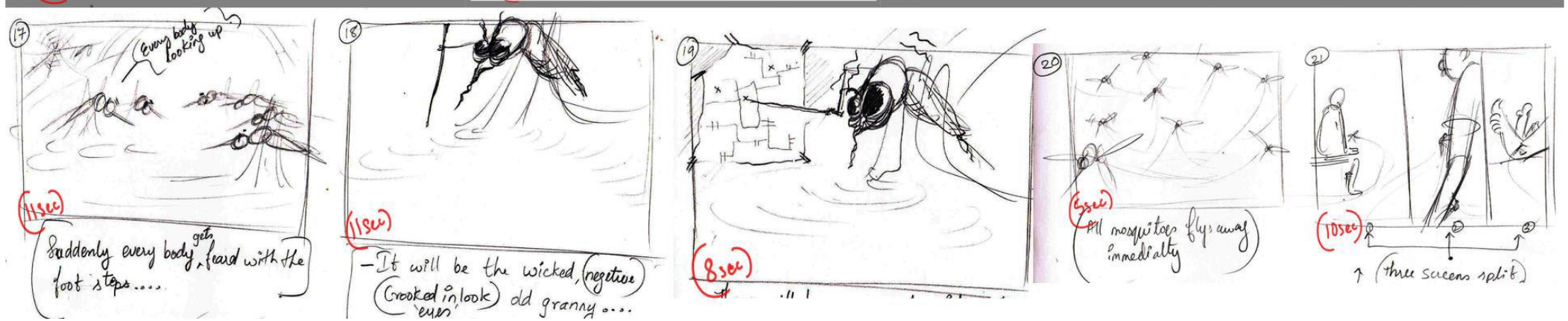
- His brush stroke effect, which can be achieved in Photoshop and by animating it achieving a unique and appealing visual style.
- The canvas textured background.

STYLE EXPLORATIONS

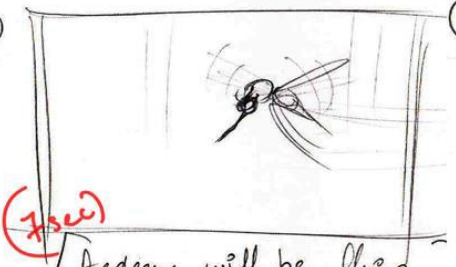
STORY BOARD(1)


Scene in blood, virus eating up blood cells
(6sec)
Dengue
Story name 'Dengue' (virus will line up and depict story name)
6 sec
Next scene virus is sucked by Aedeena (Female Mosquito)
(6 sec)
(9sec)
Aedeena polishing her (adding femenistic trait)
(8sec)
Aedeena flys away
Scene depicting sick oldman (dengue exposed)
(5sec)
Aedeena flying
(7sec)
(8sec)
(7sec)
(10 sec)
(8sec)
(13 sec)
(8 sec)
(6sec)
(10 sec)
(3sec)
(8sec)
(10sec)

14
15
16
(10 sec)
Hideena sweeps into the cooler
(7 sec)
She goes inside a deep chamber
depicting the tube which generally collects condensed water
AEDES COLONY
animals laying eggs
(13 sec)
(12 sec)
(5 sec)
(5 sec)
(10 sec)
AEDEES COLONY
(12 sec)


17
every body looking up
(11 sec)
Suddenly every body gets feard with the foot steps....
18
(11 sec)
-It will be the wicked, negetive (Crooked in look) old granny....
19
(8 sec)
20
(5 sec)
All mosquitoes flys away immediatly
21
(10 sec)
(three screens split)

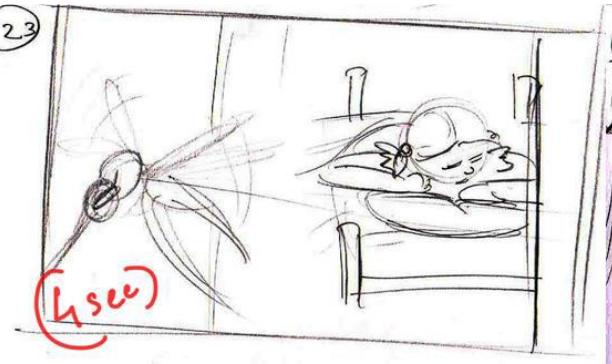
22



(7sec)

Adeena will be flying... passing rooms...

23



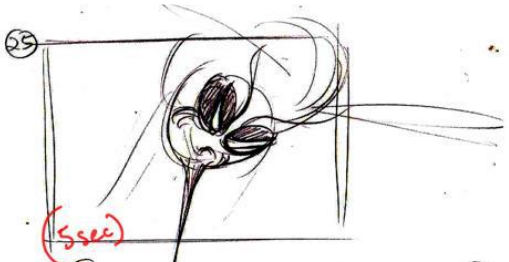
(4sec)

24

(4sec)

Adeena notices that cute little girl sleeping...

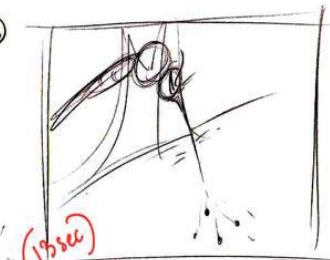
25



(5sec)

She ~~and~~ gives a cruel smile on her face and fly towards the small girl

26



(13sec)

while Adeena drinks blood the virus spreads inside the girl blood

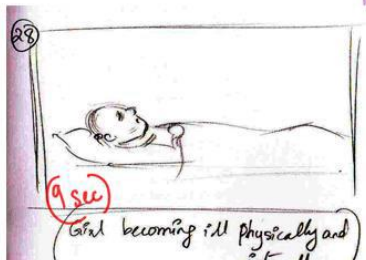
27

Next scene

the girl starts shivering (fever high)

(6sec)

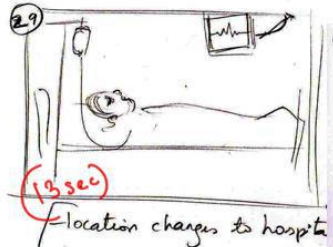
28



(9sec)

Girl becoming ill physically and internally

29

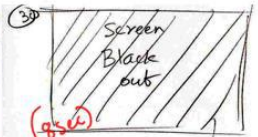


(13sec)

-location changes to hospital

-background sound heartbeat

30



Screen Black out

(8sec)

... Heart beat goes on.... after 1min Heart beat 'stops'

[depicting the small girl dies out of fever (dengue)]

31

"Let this not happen to you or your children"...

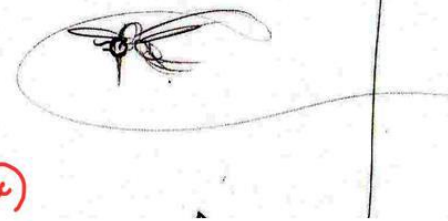
(11sec)

32

CREDITS

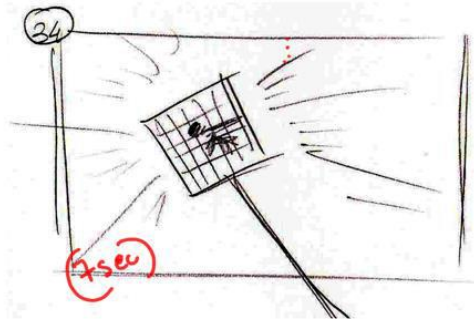
(23sec)

33



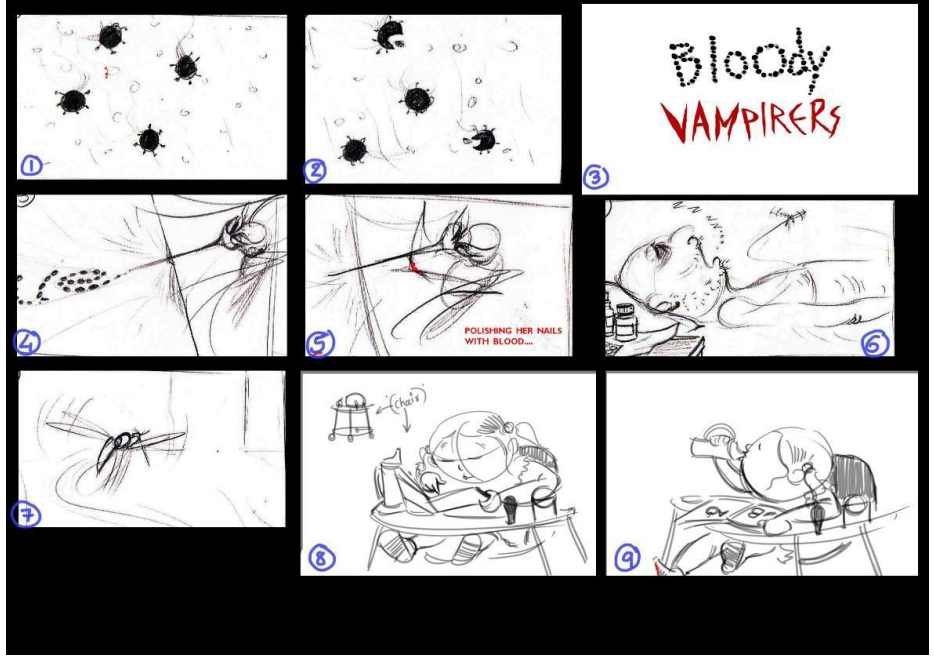
(7sec)

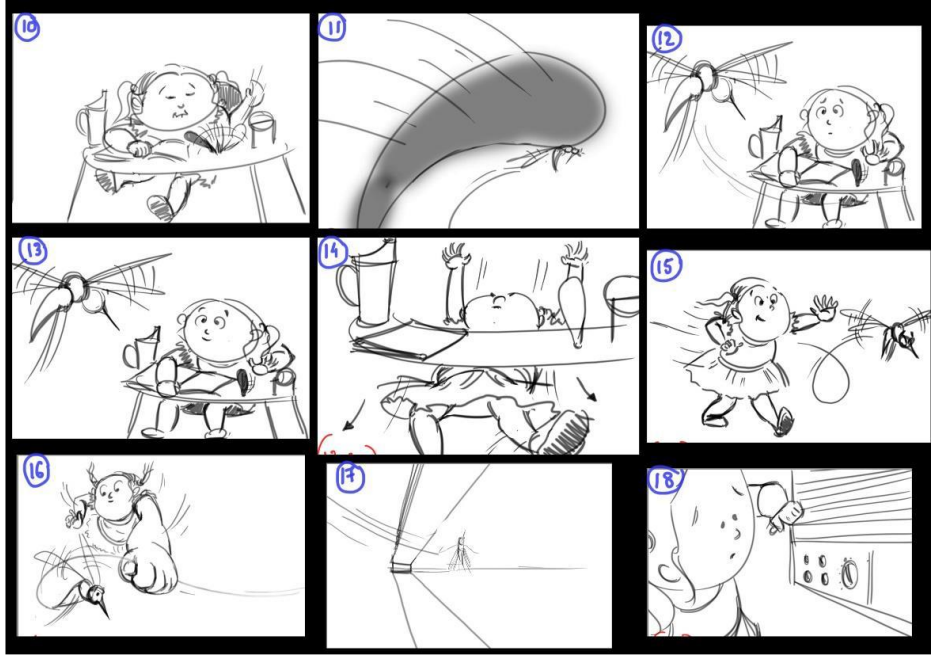
34

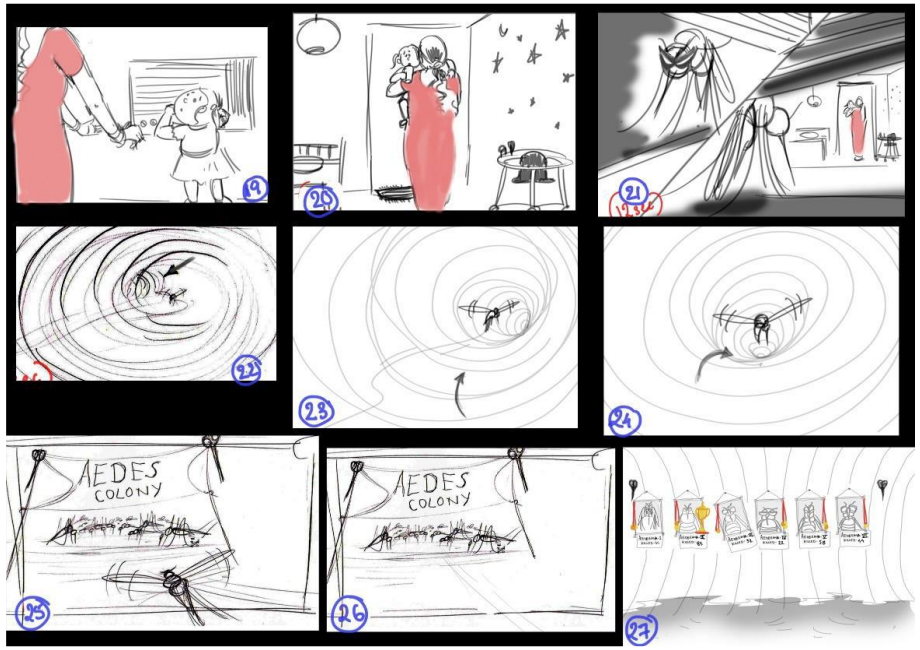


(7sec)

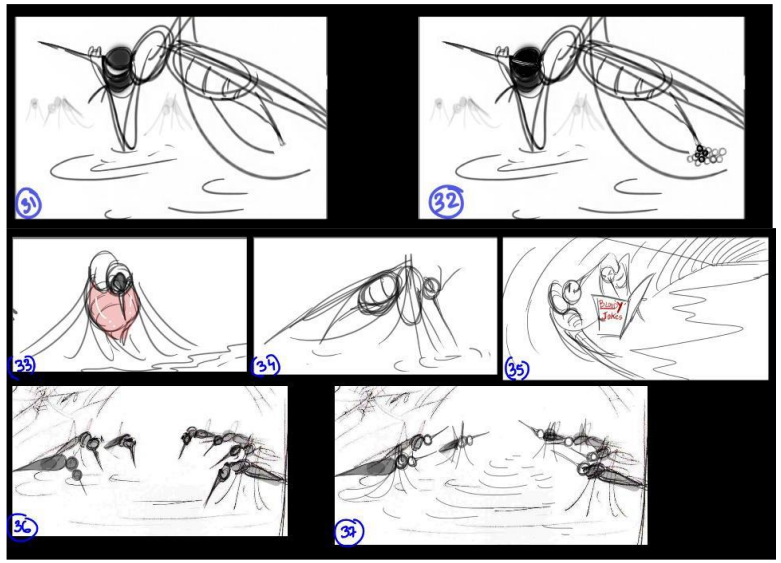
STORY BOARD-(2)

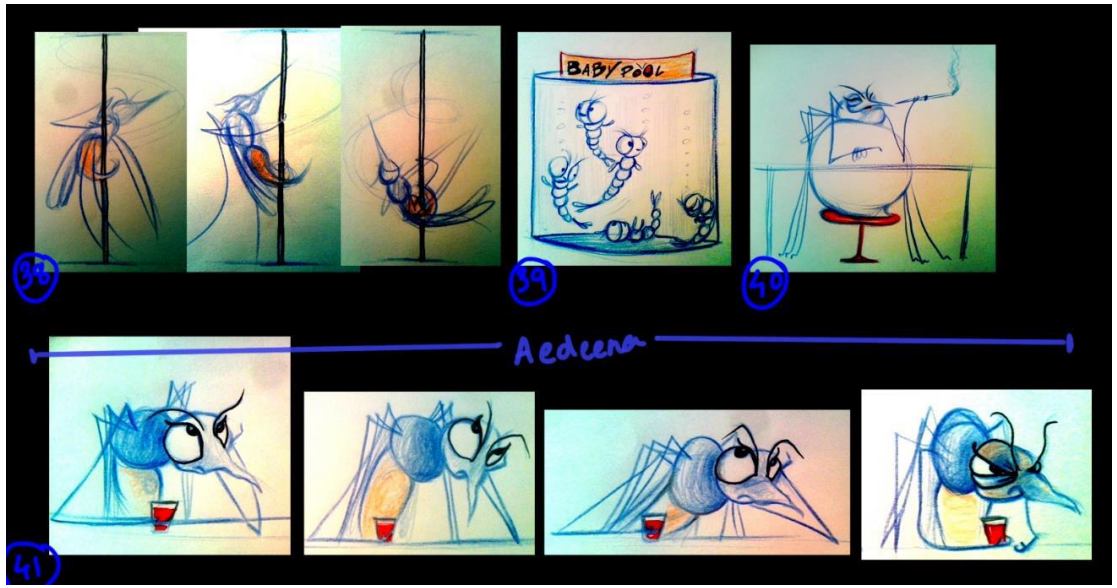

Bloody
VAMPIRERS
POLISHING HER NAILS WITH BLOOD....

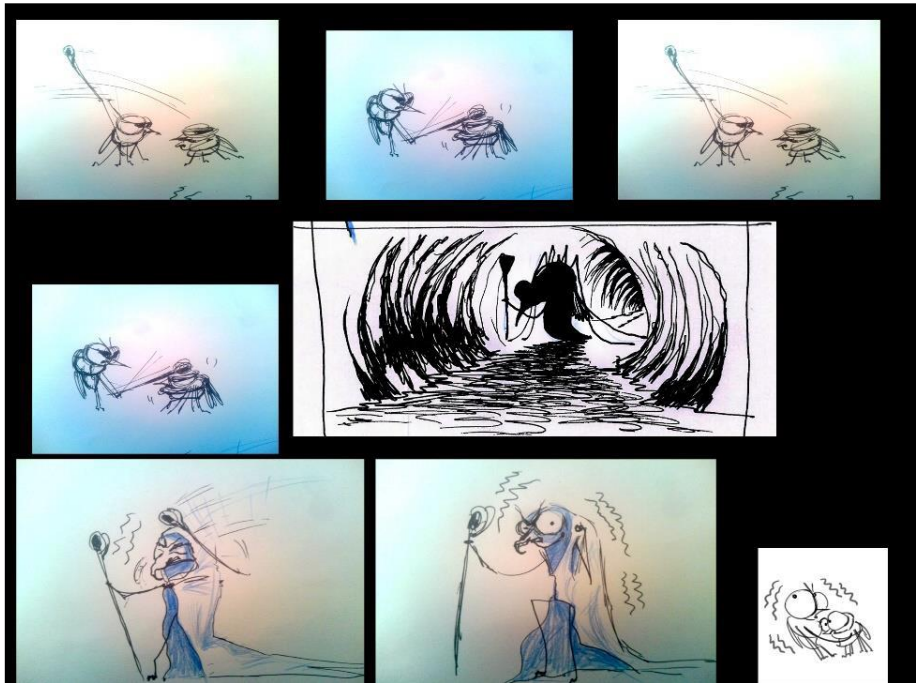


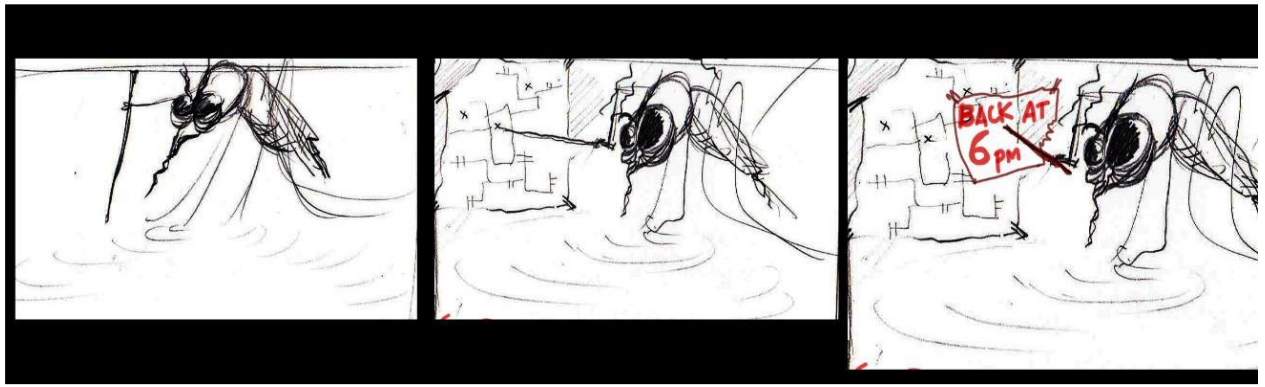

AEDES COLONY
AEDES COLONY

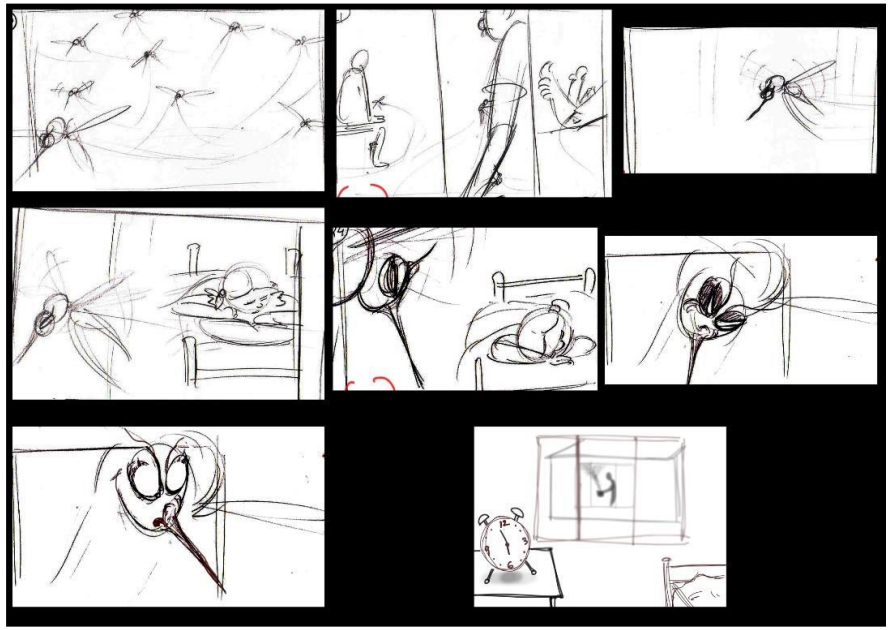
BLOOD BAR

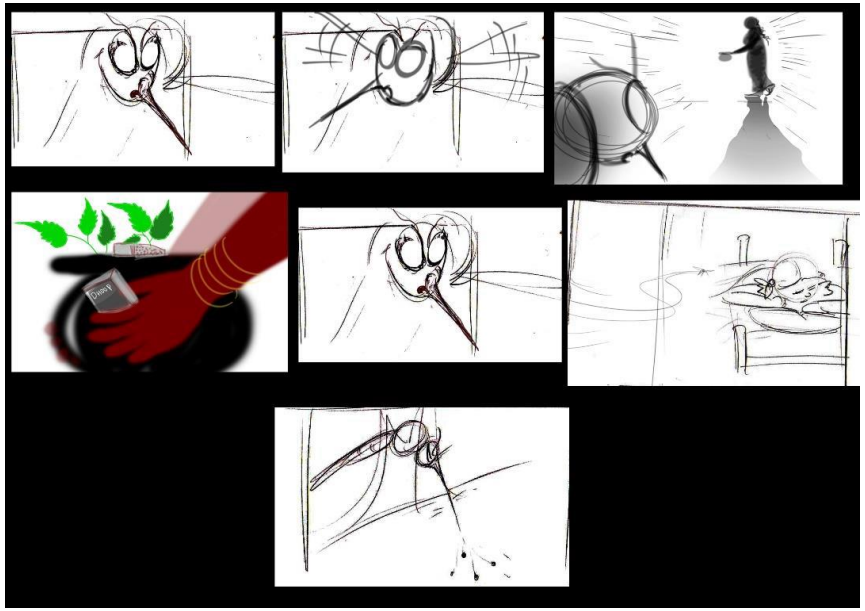

31
32
33
34
35
36
37

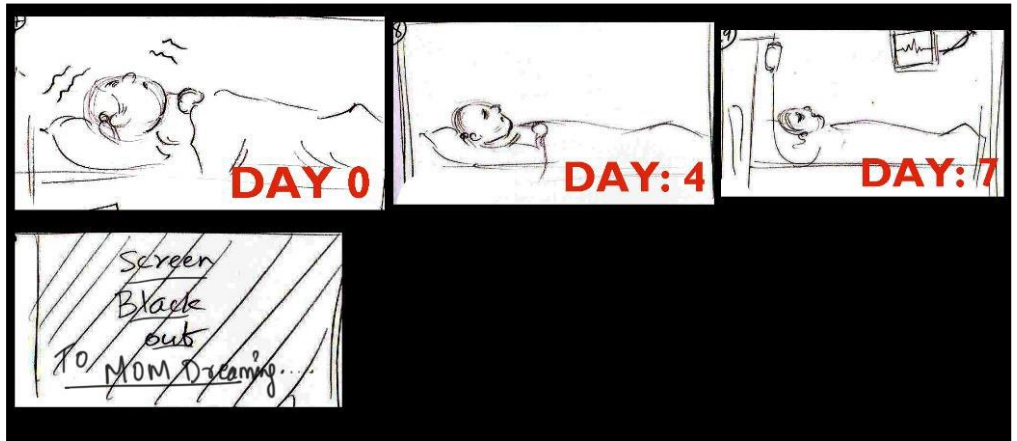

BABY POOL
38
39
40
Aedeena
41




BACK AT
6pm





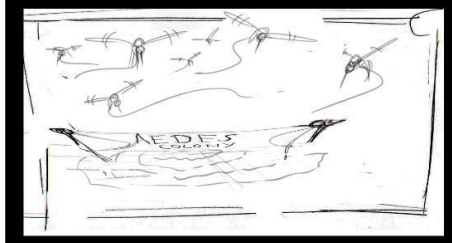

DAY 0
DAY: 4
DAY: 7
Screen Black out To MOM Dreaming....

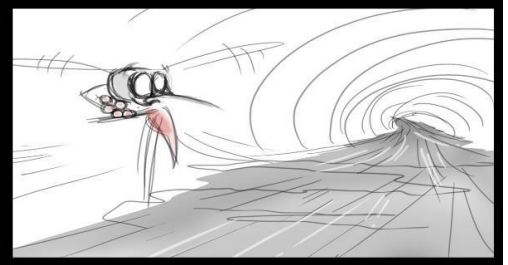
(Scene black out...)
2 Months later...

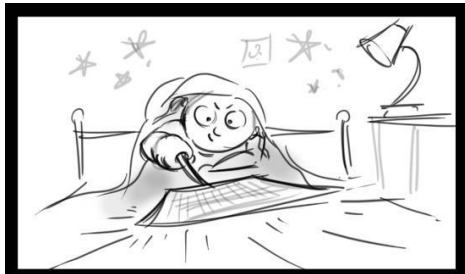
ONE
Fine day....

CREDITS

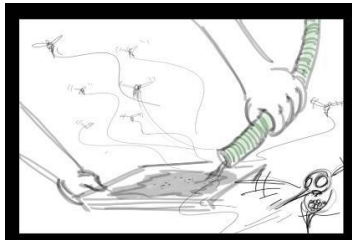
AEDES
COLONY

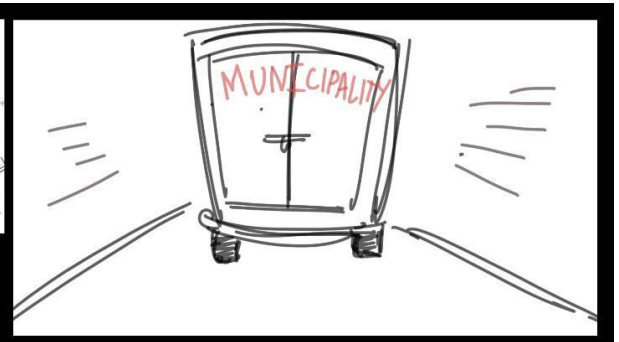


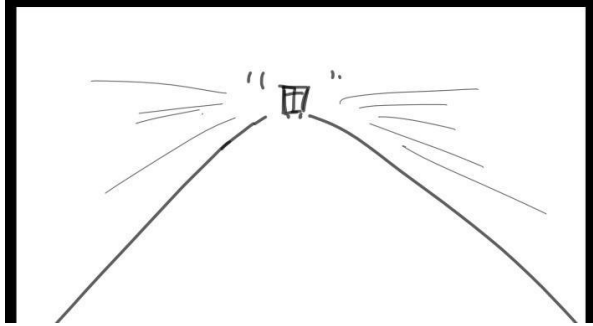




THE END!!!

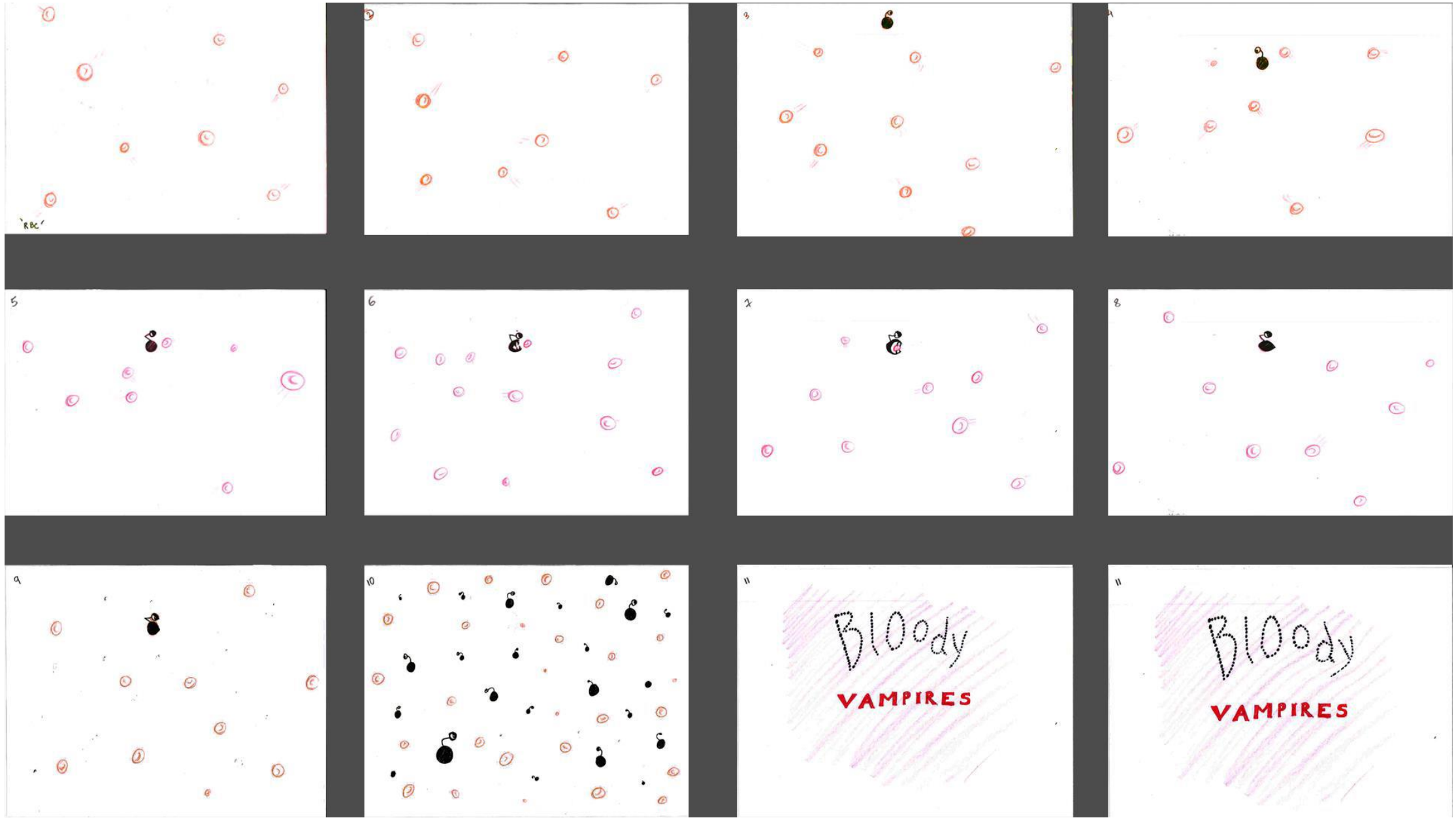


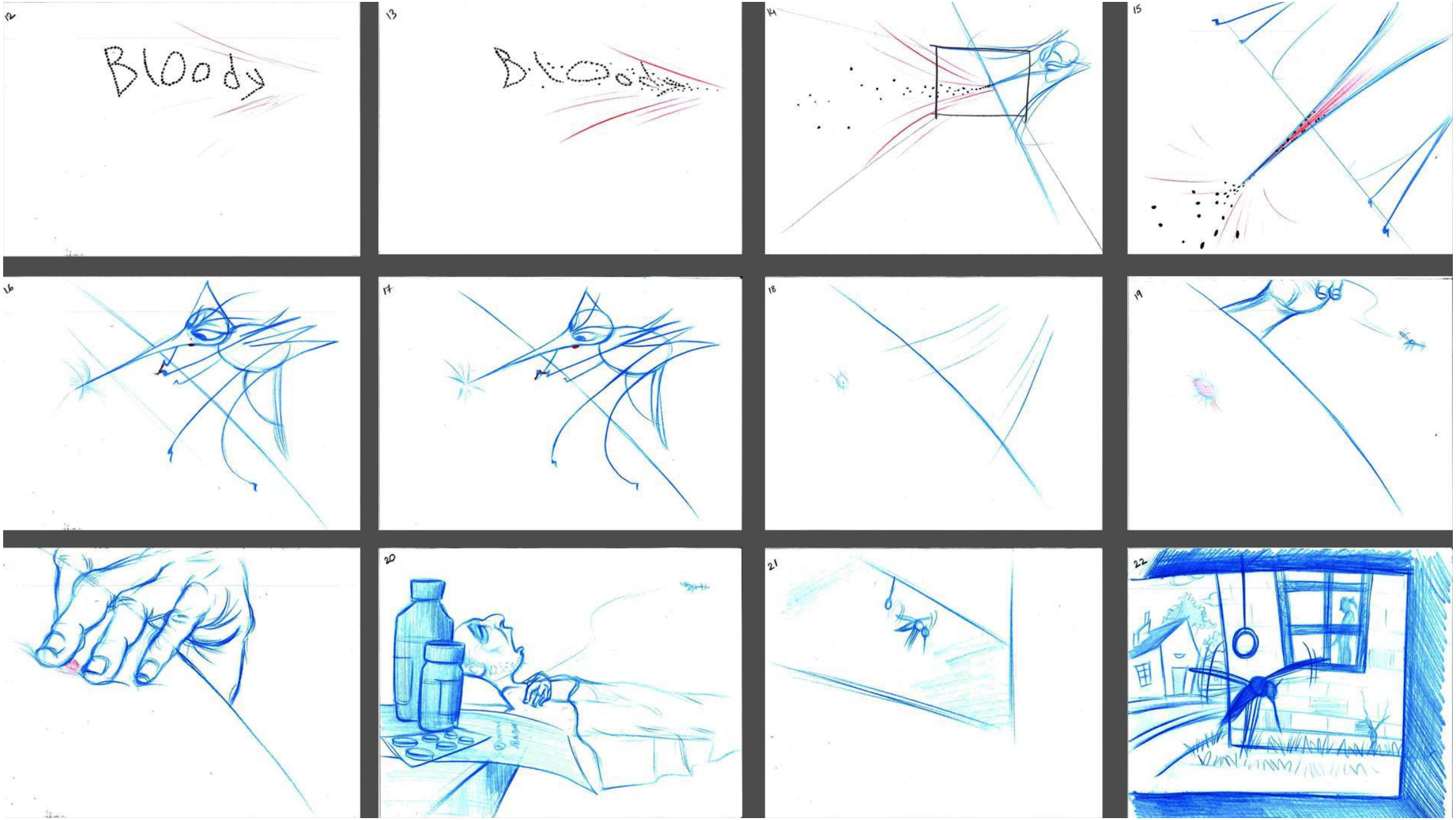




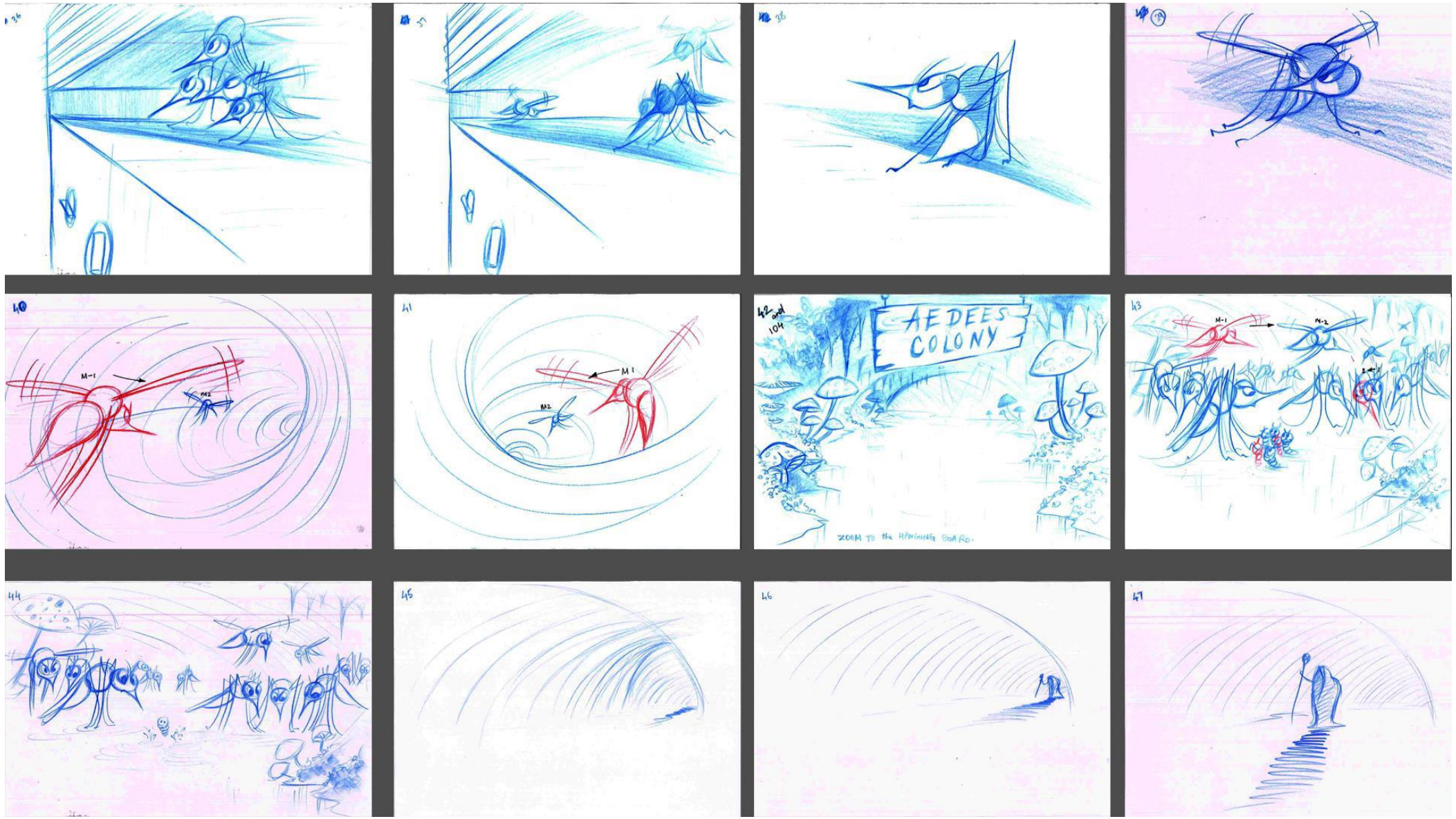
END

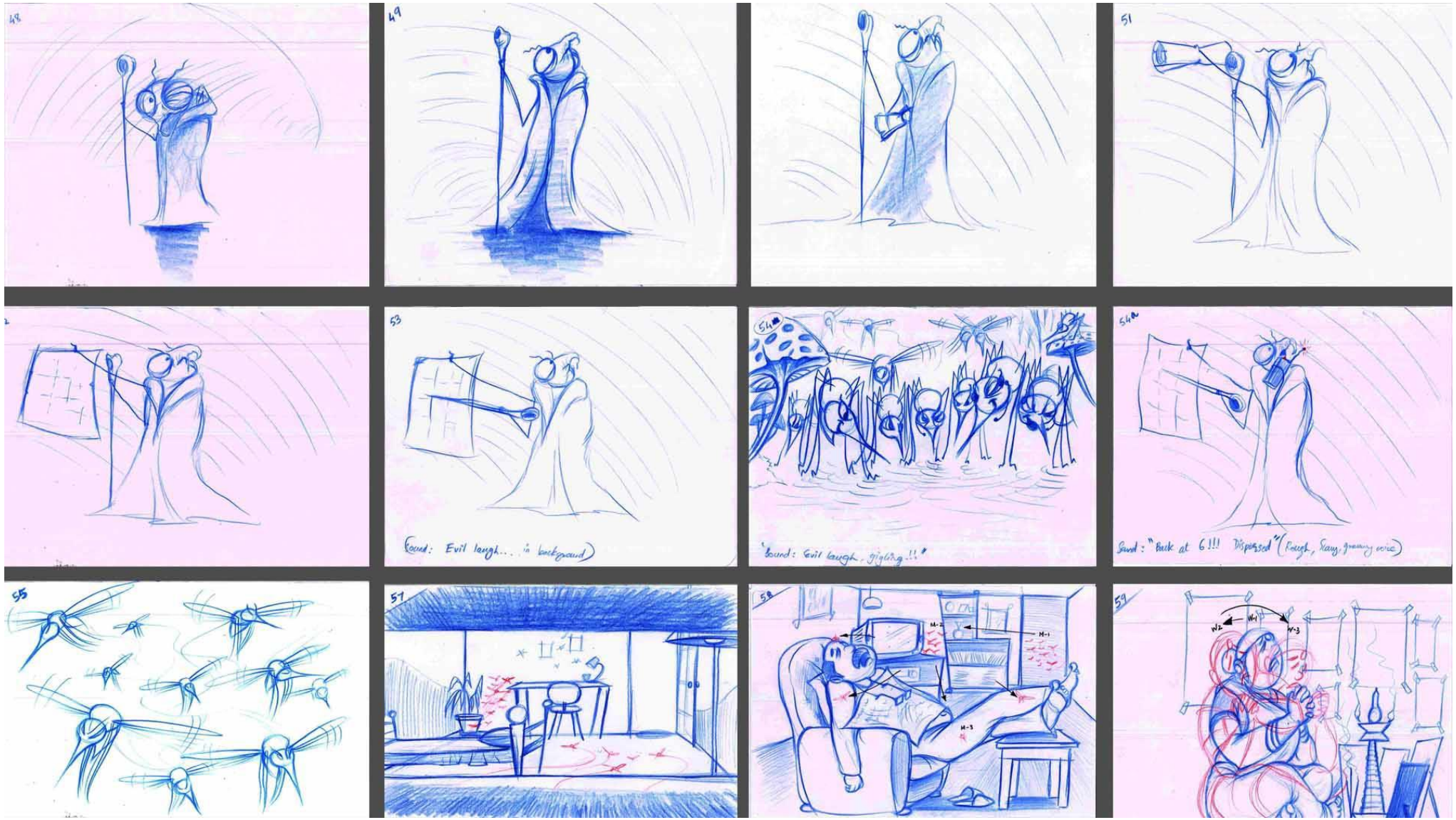
STORY BOARD-(3)

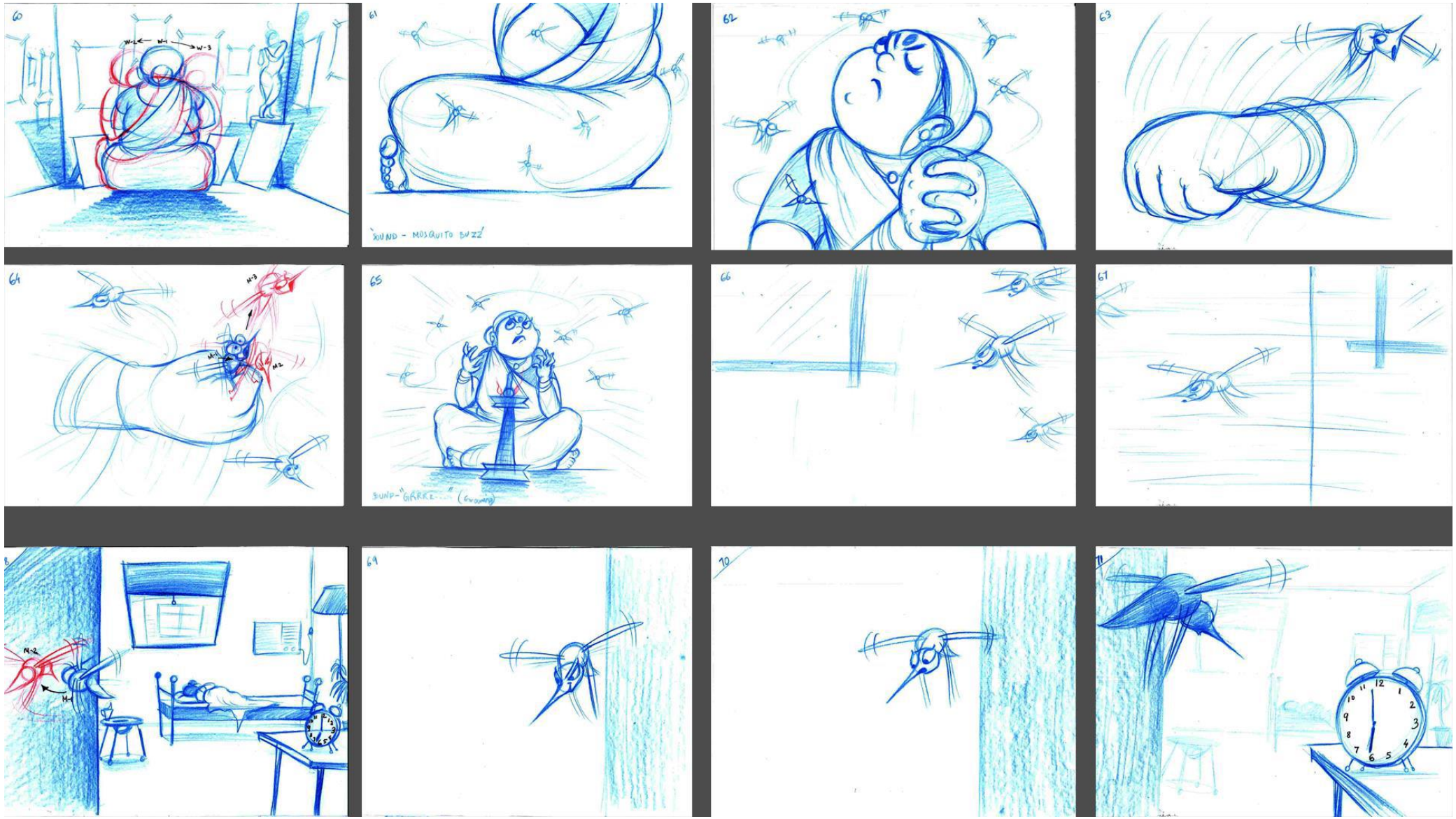

BLOody
VAMPIRES
BLOody
VAMPIRES

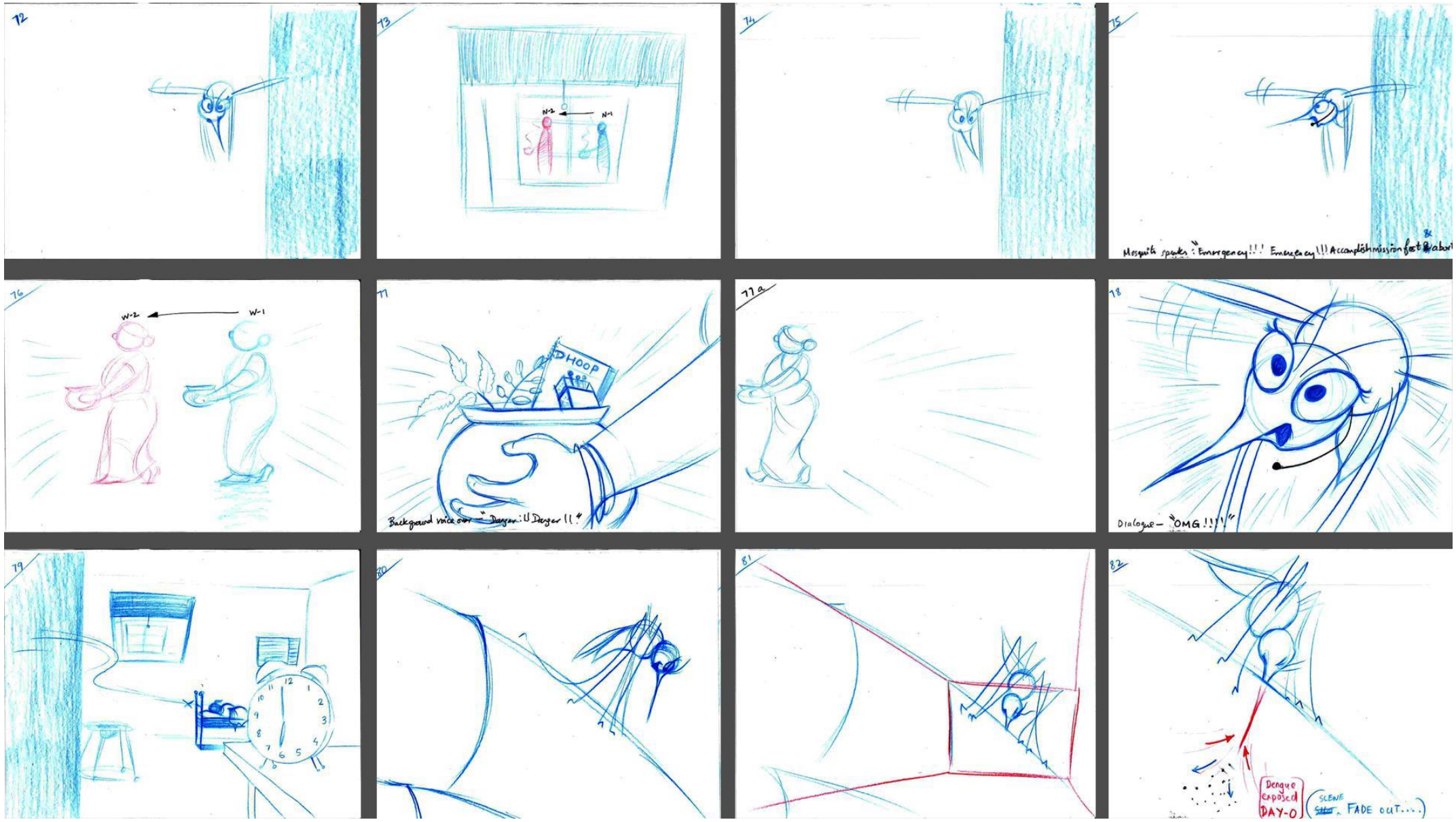

12
Bloody
13
Bloody
14
15
16
17
18
19
20
21
22

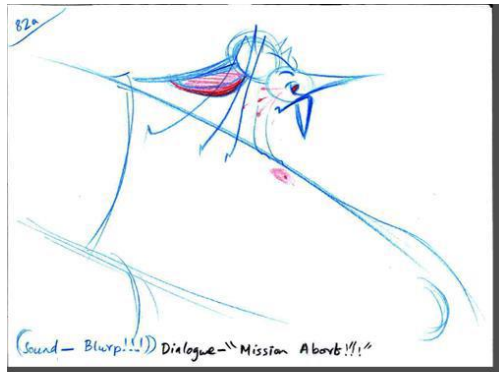
23
24
25
26
27
(CLOSE UP OF GIRL
(SCENE 28 & 29)
M-1
M-2
30
M-2
M-1
G-2
G-1
31
N-1
G-1
N-2
M-3
M-1
M-2
G1
G2
G3
33
34
35

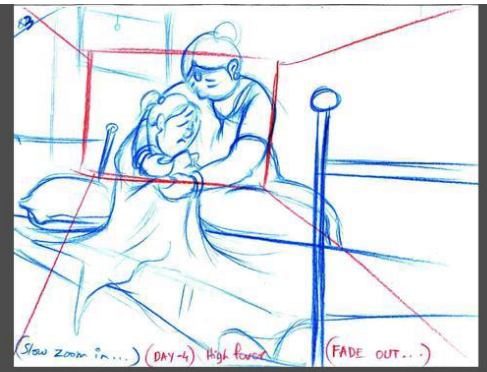

40
M-1
M2
41
M1
M2
42
AEDES
COLONY
ZOOM TO the HANGING BOARD.
43
M-1
M-2
44
45
46
47

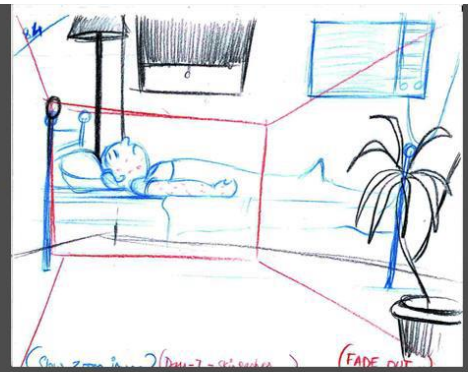

48
49
51
53
(sound: Evil laugh... in background)
54
'sound: Evil laugh, giggling!!'
54A
Sound: "Back at 6!!! Dispersed" (Raspy, scary, creaky voice)
55
57
58
59

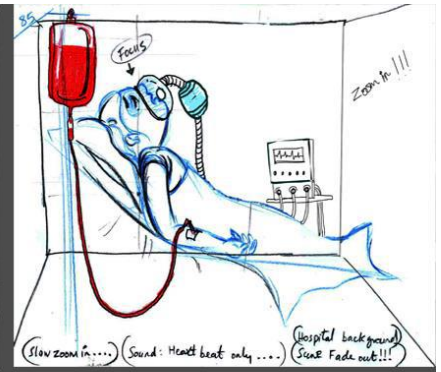

60
W-2
W-1
W-3
61
SOUND - MOSQUITO BUZZ
62
63
64
M-3
M-1
M-2
65
SOUND - "GRRRR..." (growling)
66
67
68
M-2
M-1
69
70
71

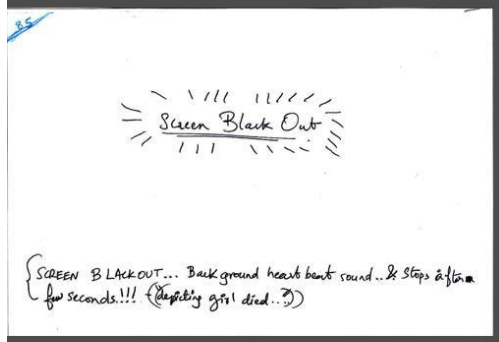

72
73
N-2
N-1
74
75
Mosquito speaks: "Emergency!!! Emergency!!! Accomplish mission fast & abort
76
W-2
W-1
77
HOOP
Background voice over "Danger: U Danger !!"
77a
78
Dialogue – "OMG !!!!"
79
80
81
82
Dengue exposed DAY-0
SCENE
FADE OUT....


82a
(Sound – Blurp!!!) Dialogue – "Mission Aborts!!!"


83
(Slow zoom in...) (DAY-4) High fever (FADE OUT...)


84
(FADE OUT...)


85
FOCUS
Zoom in !!!
(Slow zoom in....) (Sound: Heart beat only....) (Hospital background) (Scene Fade out!!!)


85
Screen Black Out
{SCREEN BLACKOUT... Background heart beat sound.. & stops after a few seconds.!!! (Depicting girl died..?)

86
(Mother wakes up from sleep..!!?)

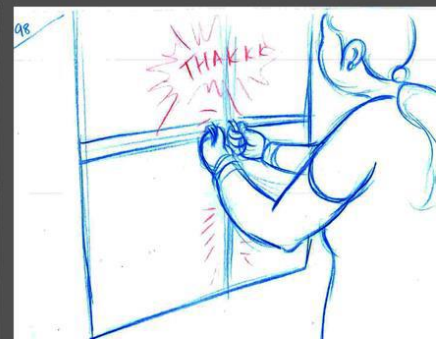
87
(FADE OUT...)

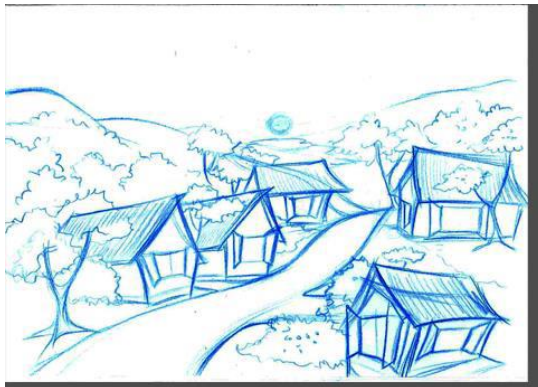
88
H-2
H-1
FADE OUT....)

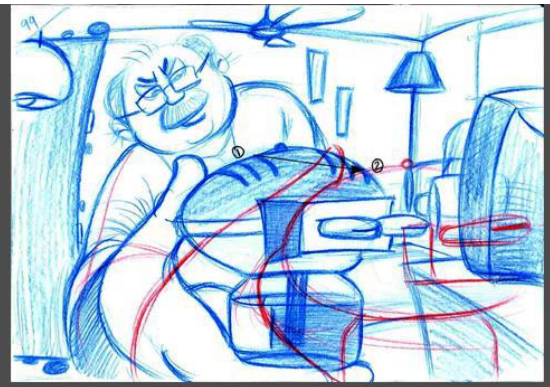
2 MONTHS LATER....

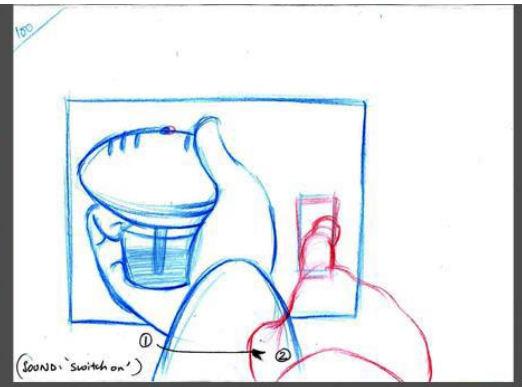
91
[Every]
Since ~~One~~ Evening....

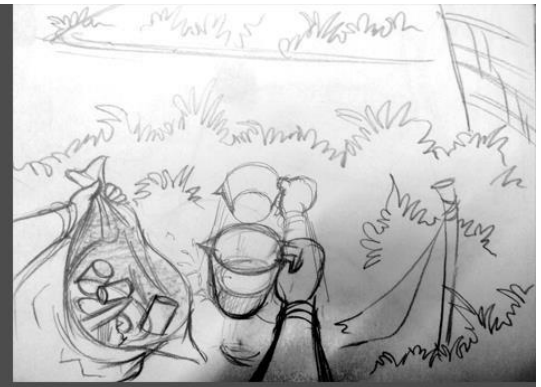
93

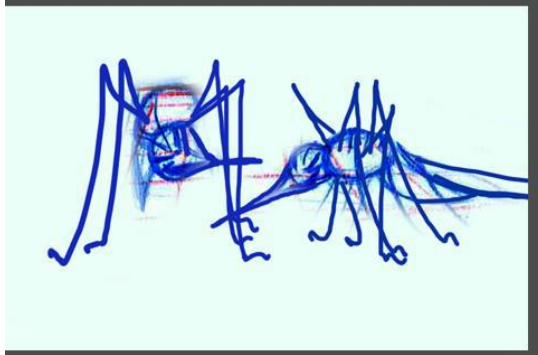

98
THAKK

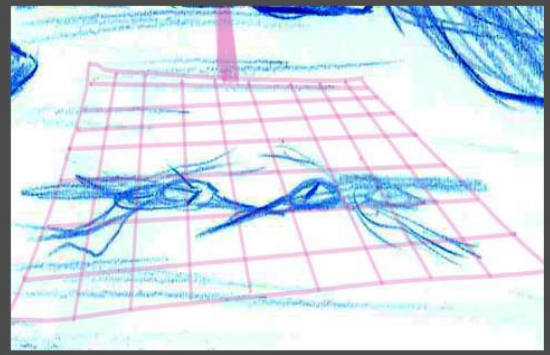




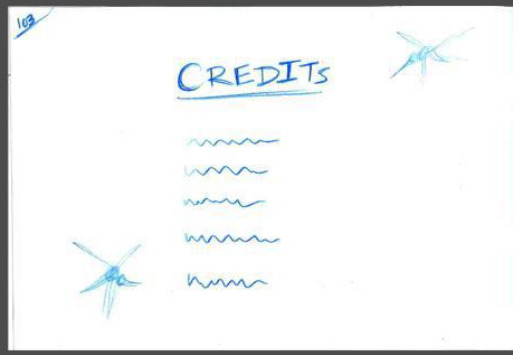

(SOUND: 'switch on')

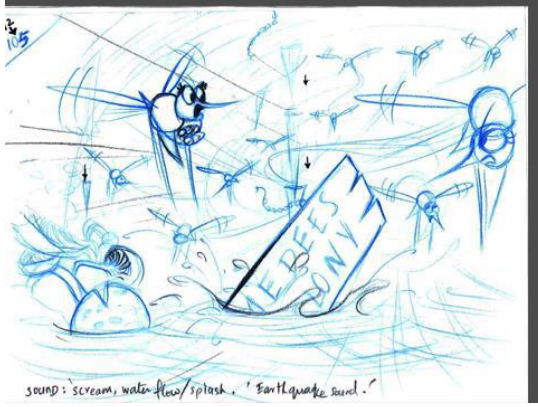


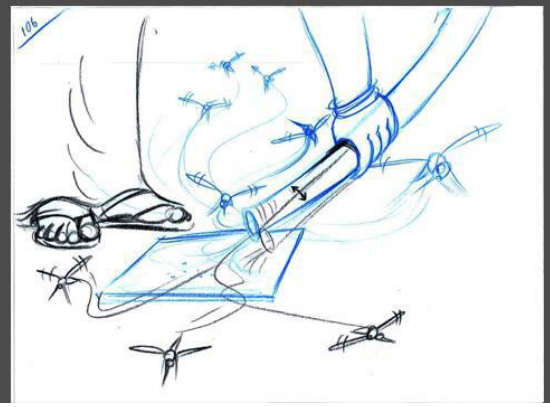


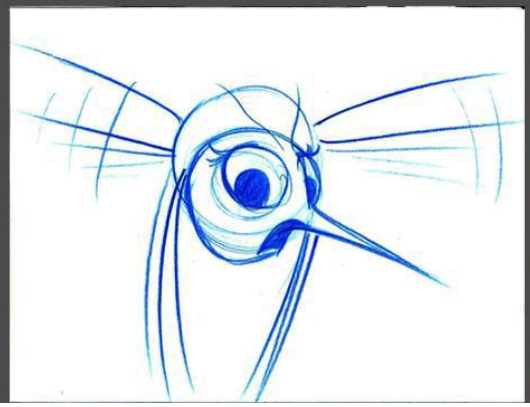


(SOUND: 'GIRL GIGGLING WITH JOY')


CREDITS

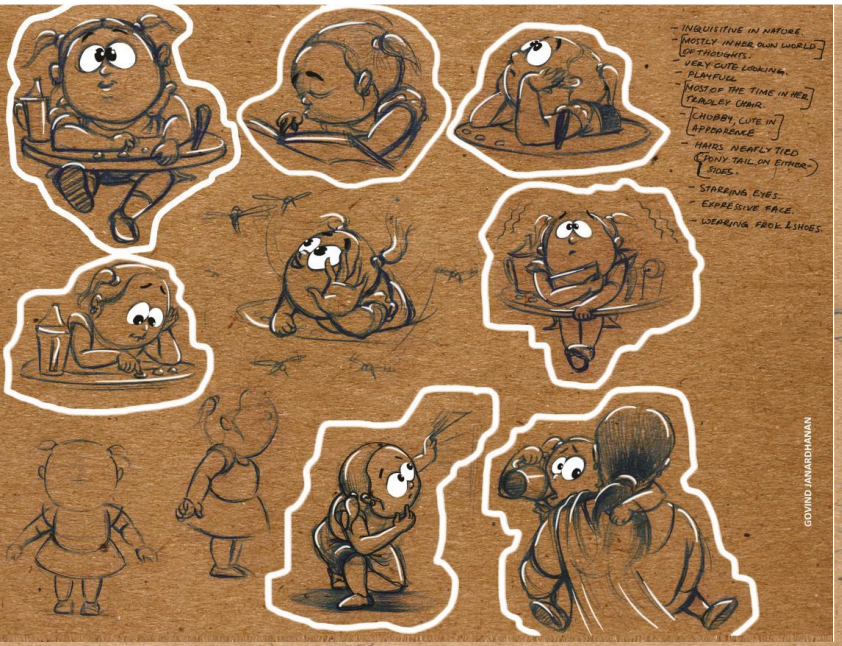

BEES ONLY
sound: scream, water flow/splash. 'Earthquake sound.'

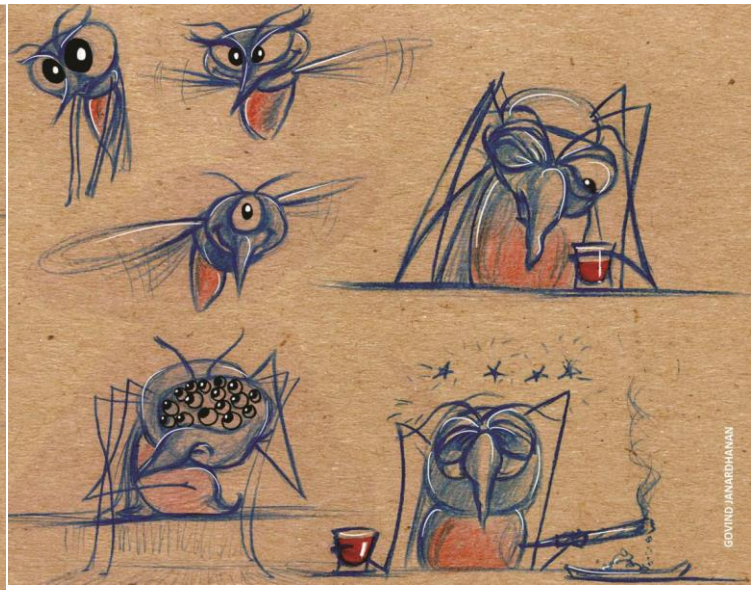


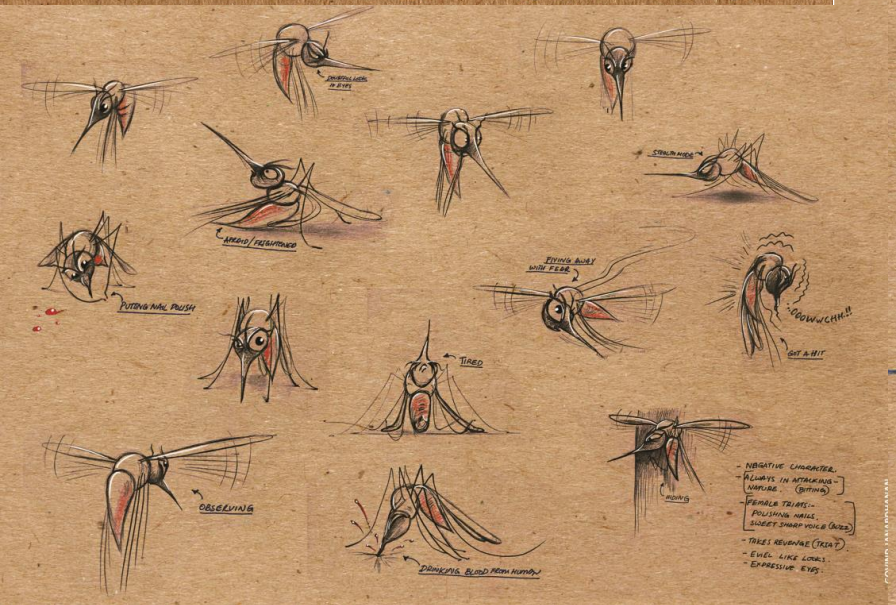


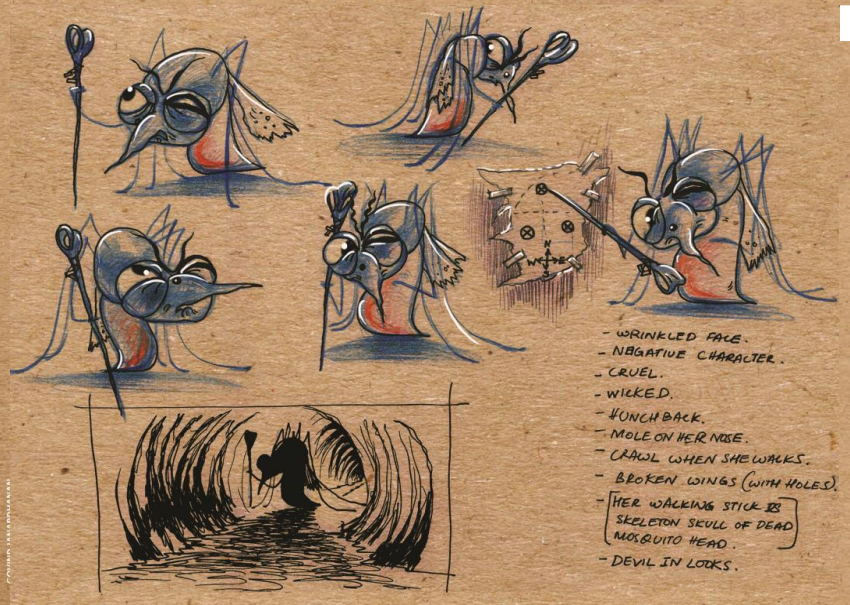
THE END

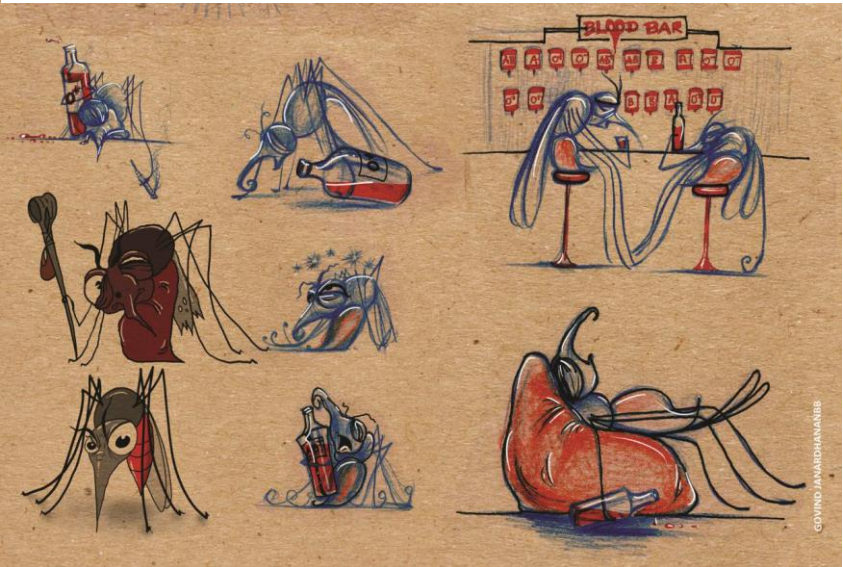
CHARACTER DESIGN EXPLORATIONS











COLOUR SCHEMES PREPARED

SMALL GIRL: COLOR SCHEME

SKIN TONE

HAIR TONE

MOSQUITO WITCH: COLOR SCHEME

SKIN TONE

DRESS TONE

MOTHER: COLOR SCHEME

SKIN TONE

BLOOD CELL

HIGHLIGHT

DARK TONE

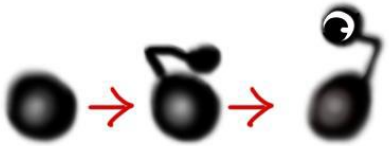
MIDDILE TONE

BLOOD COLOR SHADES

HIGHLIGHT

DARK TONE

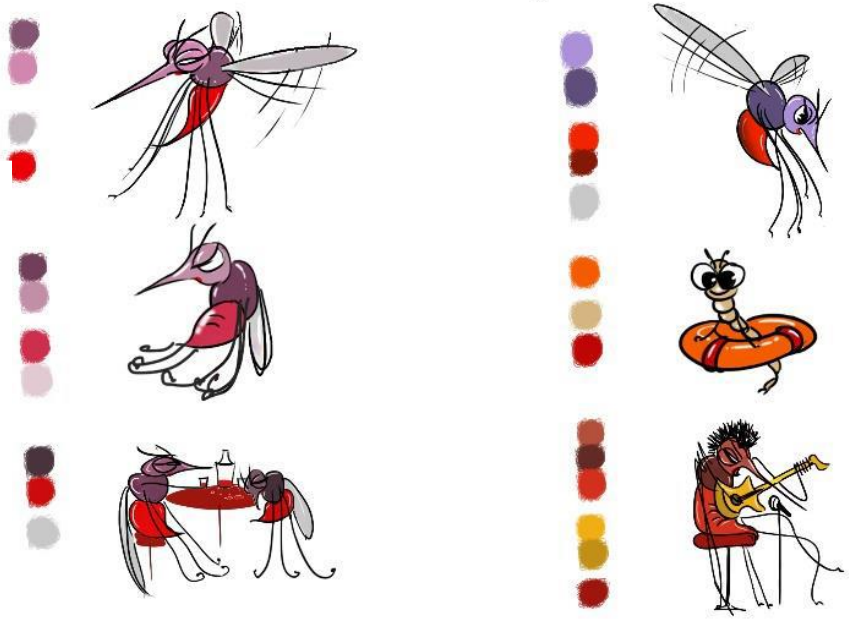
MIDDILE TONE



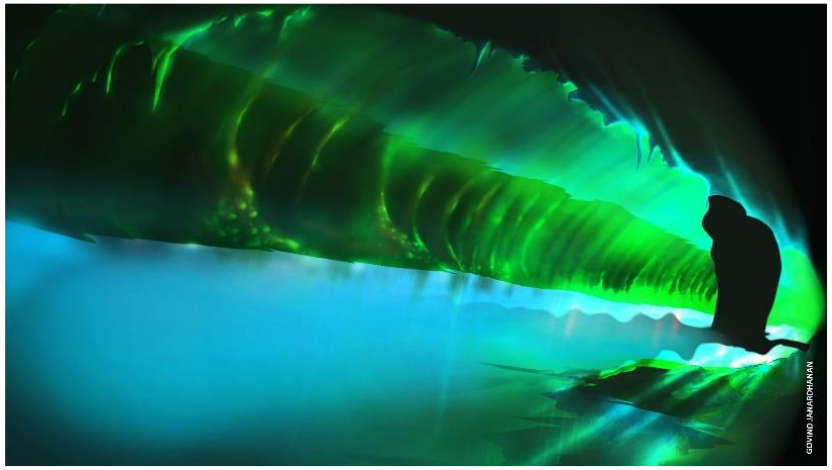
BODY COLOR

HIGHLIGHT

color sheet of other mosquito chracters



ENVIRONMENT DESIGN



MUSIC AND SOUND DESIGN

thankyou