



Teaching Culture through Storytelling

Design Thinking & Innovation Case Study

Section: C3, Week 3



Design Thinking & Innovation (DT&I)

Section: C3.0

Week 3



Design Thinking & Innovation (DT&I)

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DT&I Case Study

C3 Teaching Culture through Storytelling

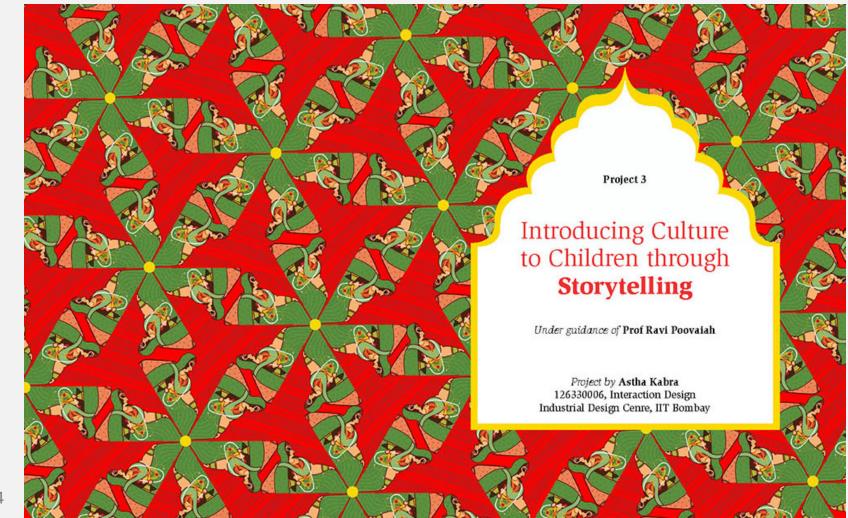
Module C3:





C3.1 Culture through Storytelling









Culture... is that complex whole which includes knowledge, beliefs, arts, morals, law, customs, and any other capabilities and habits acquired by as a member of society."

Sir Edward B. Tylor's Cultural Anthropologist

C3.0-005





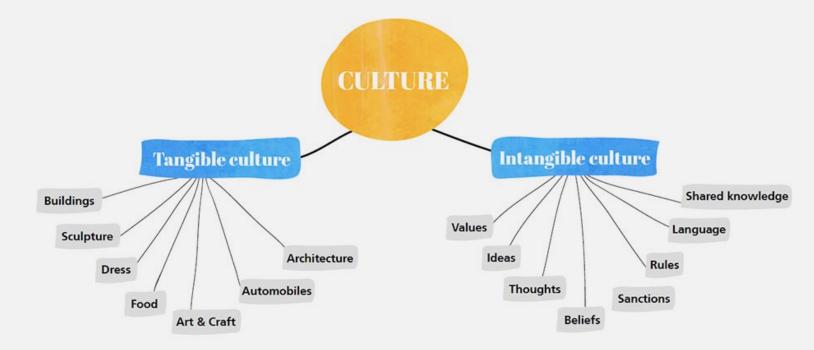
CONCEPT OF CULTURE

Culture is a way of life.

It's representation of the way in which we think (value) and do things (behavior) and the material products they produce.

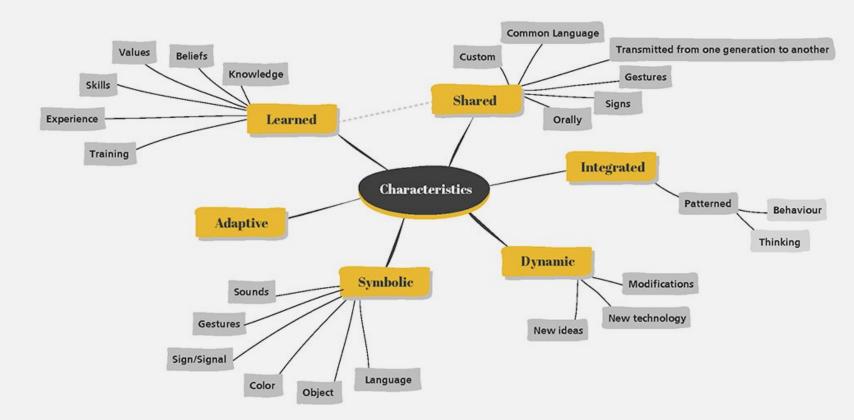










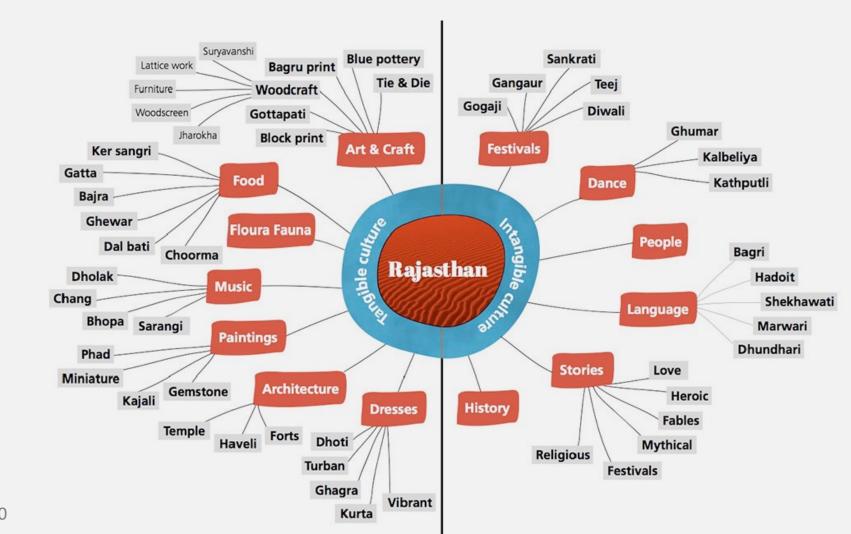






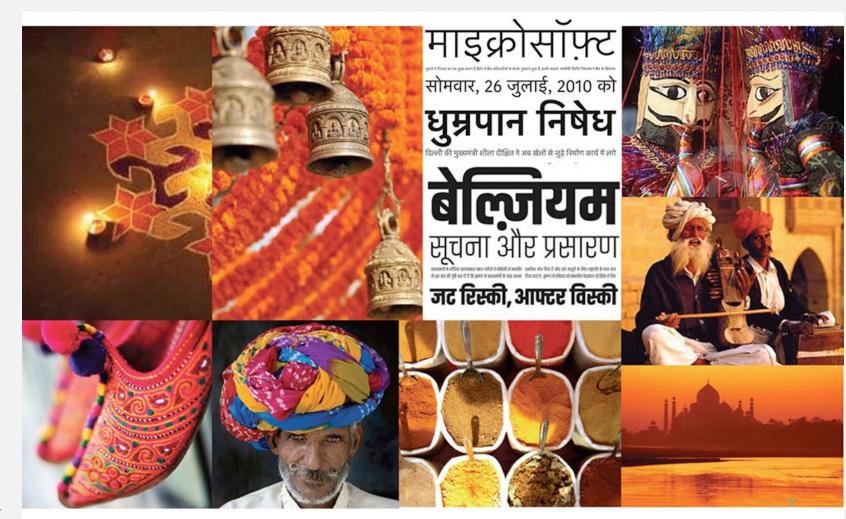
















Importance

Many families along with their children migrate from their home towns to urban cities, while trying to fit in the urban lifestyle they ignore their own culture and native language.

Children who are not completely aware about their own culture can face problems like identity loss or alienation from their grandparents or other family members.



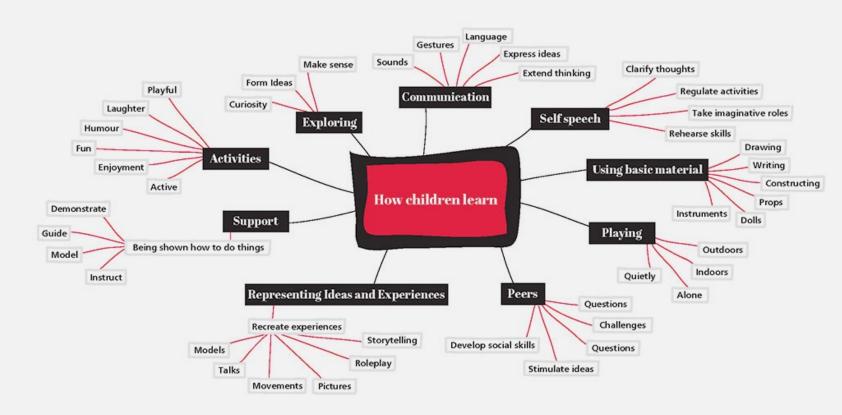


Project Brief

The aim is to promote, foster and propagate the cultural heritage and value system of Rajasthan amongst children.











LEARNING STYLES





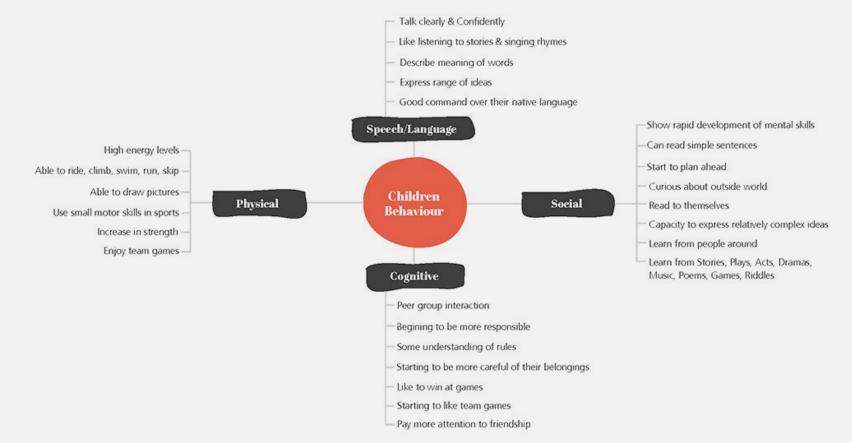
AGE GROUP piaget stages of cognitive development



4-7 years old Intuitive Phase

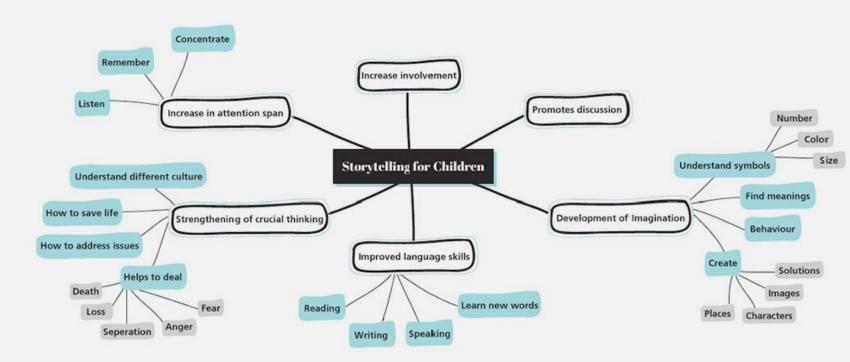
- Children at this stage tend to be so certain of their knowledge.
- Their thinking becomes more logical.
- They tend to become very curious and ask many questions.
- Concepts attached to concrete situation Time, Space and Quantity are understood and can be applied.















Storytelling in Rajasthan



Kathputli (Puppets)



Phad Painting (Scroll)



Kaavad (Mobile Temple)





Kaavad

- The term kaavad comes from 'kivad' meaning door
- Numerous hinged panels that open outwards
- Multiple narratives
- To make a wish, or celebrate the birth of child or offer there gratitude for the fulfillment of the wish.





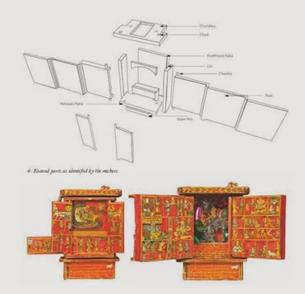


Kaavad

Structure and Order

- Usually one foot high and has 12 to 16 panels or pats that are hinged together.
- Each panel has a name and the images drawn on the panels have predefined locations.
- At the base is a donation box on which it states the donation will be used for feeding cows.

THE KANAD TRADETION OF RAJASTHAN



- 3: Outer sheins with Victoral Enistens and Euralamahai in hidden or papar past
- 6. Inner shrine with Zam Situ Lakshman is reached through the open or kited past

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Projects inspired by Kavaad:





Kaavad: Traveling Shrine: Home

Gulam Mohammed Sheikh



Home Nina Sabnani

Interactive Spaces

Children and Technology:







INTERACTIVE PUPPETRY

http://design-io.com/projects/PuppetParadeCinekid/



FUNKY FOREST

http://design-io.com/projects/FunkyForestSAM/



WEATHER WORLDS

http://design-io.com/projects/WeatherWorlds/



IDEATION





CONCEPT 1



- The cover of tablet with narrative which can be explored and learned by unfolding each and every flap through auditory and visual inputs.
- Allows to interpret and explore new stories.
- The story goes through several variations as tablet will have different stories integrated in it.
- Interactivity with combination of sound, visuals and narrative on pressing the touch points,.



Kevad

Unfold the Stories







AUDIO + VISUAL + NARRATIVE

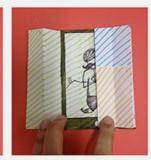




















CONCEPT 2

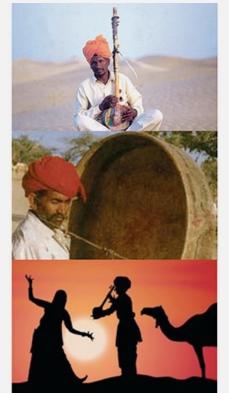
Experiential Kaavad

Interactive Installation (Museum/Airport/Malls)

- Kaavad installation of life size.
- Panels can be unfolded/unlocked step by step with set of tasks giving information about the Rajasthani culture.
- Activities like playing an instrument or looking through Jharokha to get the next fold unlocked or knowing some facts about Rajasthan can be a part of the interactivity
- Experiential Kaavad aims to give jist of Rajasthani culture with cultural artifacts incorporated with it to make it playful and fun.





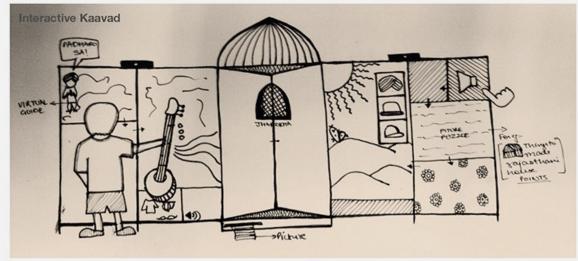






CONCEPT 2

Interesting Facts(cow dung), Introduce concept of Rain water harvesting(well), Hospitality, Art & Craft















CONCEPT 3.1

Interactive Visual Narrative

Conductive Ink

(Map/Story/Facts)

The visual narrative reacts to the touch of the child by giving audio feedback(narrative).

Accessible platform for children to get creative with technology in fun and intuitive way.

Story Book or Puzzle with 3-D pop-ups, audio and light feedback for bringing it to life.























Interactive Poster/Board

Light Sensitive Ink

(Map/Story/Facts)

The content can be printed in light sensitive ink so that the visuals becomes visible only with heat(lamp/torch)

Color change is from colorless to colored when exposed to sunlight or heat

Children can explore stories with magical and enjoyable experience. Increases curiosity which results in better understanding.





Evaluation Matrix

Concept

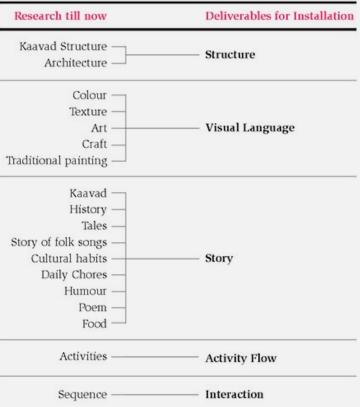
The concept was evaluated intuitively on basis of physical, emotional, cognitive and social engagement that the user will experience.

	Physical Engagement	Cognitive Engagement	Emotional Engagement	Social Engagement
Concept 1 Kevad Unfold the stories Audio + Visual + Narrative	LOW	HIGH	MEDIUM	LOW
Concept 2 Experiential Kaavad Interactive Installation Interactive + Activity + Artefacts	нісн	HIGH	нісн	нісн
Concept 3 Interactive Visual Narrative Interactive Poster/Painting Map + Story + Facts	нісн	MEDIUM	MEDIUM	нісн
Concept 4 Interactive Board Interactive dark room strorytelling Map + Story + Facts	HIGH	HIGH	MEDIUM	LOW





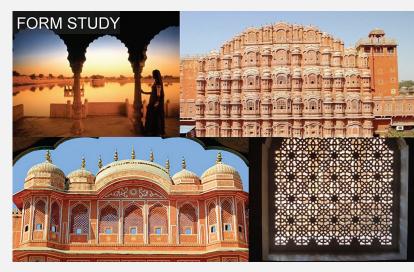
Final Concept Deliverables

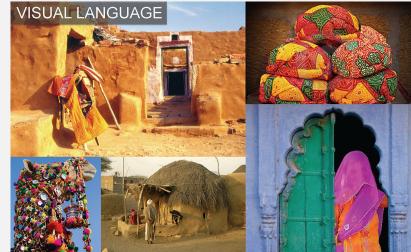


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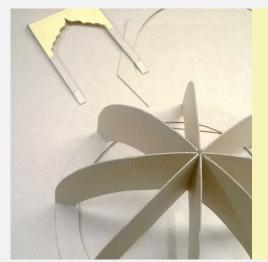
Form Study and Visual Language Study:



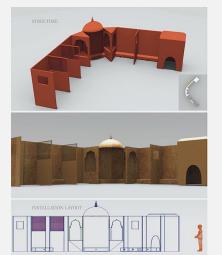








Explorations



Concept 1

#kaavad #jharokha

#jump

#peek

#hide

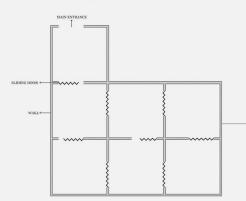
#playful

#interactive

PROBLEM: Not Flexibile. Structure is rigid and it can't be moved unlike the doors 'pats' in kaavad

4/

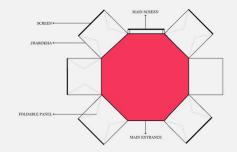
Concept 2

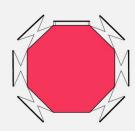






Concept 3







Paper Prototyping:



Final Concept

#kaavad
#jharokha
#chattris
#peek
#hide
#bend
#playful
#interactive
#curiosity
#fun
#discover

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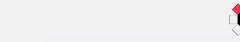




ACTIVITY 3



ACTIVITY 6



ACTIVITY 1

ACTIVITY 5









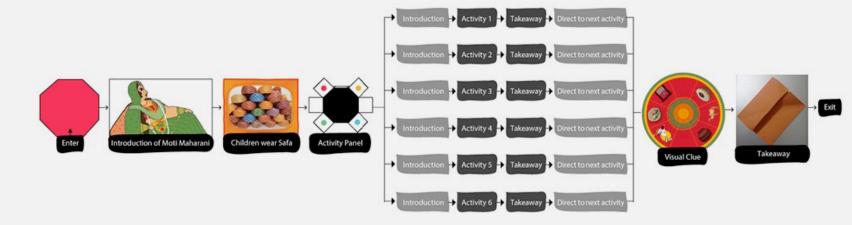








Activity Plan



C3.1-038













Feedback

Story

Engaging story

"Tell me the story of Moti Maharani again"
"Where do they get water when it's over"

Interesting Activities and wanted to perform task

"We also give food to our birds when we eat" (relating to the cultural context)

"I know how to play Dholak, so If I play the puppets.."

"Show the puppet dance again"

"So if I move the chakki it will make roti's?"

Got curious and asked questions and engaged in a conversation with their mother

"I have eaten Bajra Ka roti once in Chokhi dhani and I like it"

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C3.1-041







Feedback

Takeaway

The game triggered kids to find out more about the Rajasthan. "What is this city called" "Why is it blue in color"

They played again and again with everyone in the house with the takeaway, even though they could not read everything.

They put there own names to the symbols illustrated. "The topi, sorry! I choose the pagadi"

Did not know how to spell the symbols.







Thank you

C3.1-043



DT&I Case Study

Section: C3

Week 3



DT&I Course – Week 3:



DT&I

Process

(20%)

- > Secondary Research
- > Info Gathering
- > Referencing



DT&I

Tools

(20%)

- > 5W + 1H Answers
- > 5W + 1H Matrix Table



DT&I

Project

(50%)

- > Secondary Research
- > 5W + 1H



DT&I
Cast Study

(10%)

Case StudyProject 'TeachingCulture ThroughStorytelling'



DT&I Course – Week 4:



DT&I

Process

(20%)

- > Secondary Research
- > Referencing



DT&I

Tools

(20%)

> User Participant

Mapping



DT&I

Project

(50%)

- > Secondary Research
- > User Mappings



DT&I

Case Study

(10%)

> Case StudyProject 'Design of Pesticide Sprayer'



Supporting Organizations:

D'source

D'source Project



Open Design School



MoE's Innovation Cell



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D'source Project Open Design School

MoE's Innovation Cell



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MoE's Innovation Cell



Think Design Animation: Rajiv Sarkar









Graphic Icons:

Shweta Pathare







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End Title Music:

C P Narayan







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