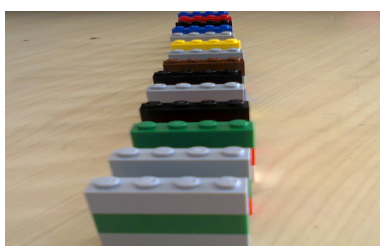


The Domino Effect

Do you know how we hear sounds ? Let's find out!

Let's LEGO !

1. Give each child **3 LEGO bricks** and ask them to be stacked.
2. Each child places its model along a curved chalk line drawn on the *floor*.
3. One end of the curve is called '**EAR**' and the other end as '**BRAIN**'.
4. One child pushes the first model at the **EAR** end and makes it fall on the next one.
5. Observe what happens.

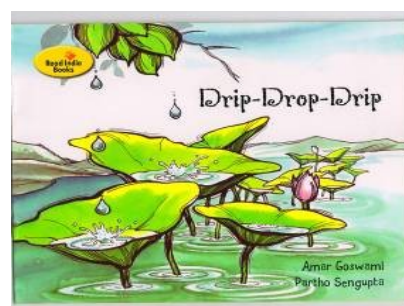


6. Say that this is how our ears and brain work together. Sound reaches the ears first, then a message signal will be transferred to the Brain by the nerves, which are like wires from all our organs to the brain. And the brain recognizes the sound.

Let's Read and Talk!

1. Make the children to *read the complete book*.
2. Ask questions about the animals in the forest and what sounds they make.
3. Make a list of animals that have big ears / small ears, big head / small head.

Book Details	
Title : Drip-Drop-Drip	Language : English
Author : Amar Goswami	Illustrator : Partho Sengupta
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story: This is a story on how an Ant recognized the sound which caused fear in the forest	



Let's Play More !

1. **Remove some of the bricks** in the chain and repeat. What happens this time? What could the problem really be? (*Tip: Nerve Damage*)
2. Pile some bricks near the **EAR** end. Repeat. What happens? Why? (*Tip: Dirty ears !*)

****Domino Effect:** A series of similar or related events occurring as a direct and inevitable result of one initial event.





Fun Learning with LEGO

Time and Tide

Are you able to plan your daily routine?

Let's LEGO !

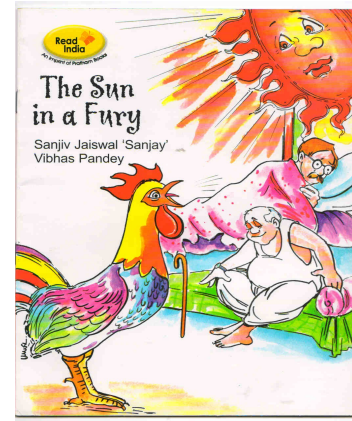
1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make one thing that they use every day. (*Tip: Toothbrush, Glass, Bag, Shoes, Pencilbox, Bat, Toy...*).
3. Make a Clock using Lego in the middle of a room.
4. One Child from each group places their model around the clock, at the time when it is used.



Let's Read and Talk!

1. Make the children to *read the complete book*.
2. Ask questions about the events in the book, which event comes first and which comes thereafter.
3. Ask the children how they would insert their model into the story: before or after which event?

Book Details	
Title : The Sun in a Fury	Language : English/Kannada/Urdu
Author : Sanjeeva Jayasavala Sanjaya	Illustrator : Vibhas Pandey
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story : This is a story on how Sun gets very angry on observing why the world is still asleep even when he has risen	





What kind of people live in my world?

What do people do for a living?

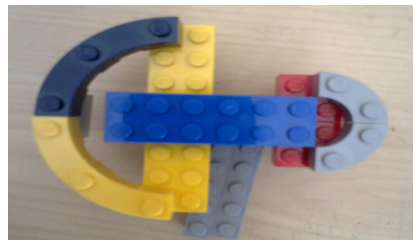
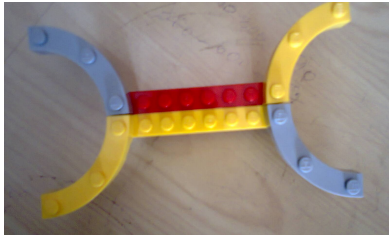
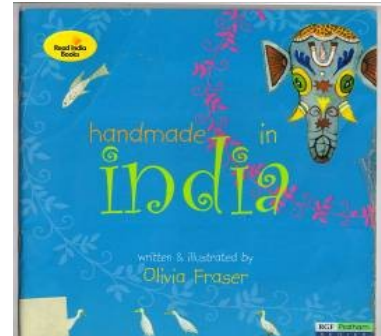
Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to select and build a model of one tool (*Tip: Hammer, Spanner, Spade...*)

Let's Read and Talk!

1. Make the children to *read the complete book*.
2. Discuss which person in the book uses each tool that they have made.
3. Discuss what material is each tool used with.

Book Details	
Title : Handmade in India	Language : English/Kannada/Urdu
Author : Olivia Fraser	Illustrator : Olivia Fraser
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story : This book describes about different occupations and cultures of India	





LEGO Rain

How do you save Water??

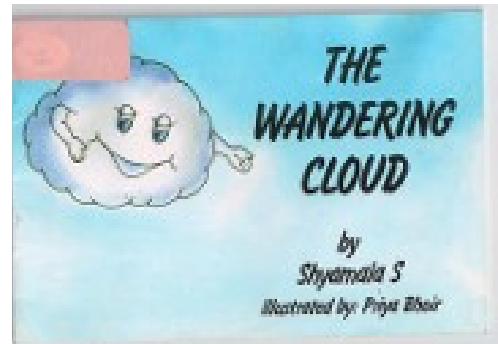
Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make a thing that could be used for holding water (*Tip: Well, Tap, Bucket, Glass..*)
3. Ask the children: Where does this water come from?
4. Make a lake with a wall of Lego bricks. Make the lake bed sloping towards the wall using Lego Base-plates that are tilted towards the wall.
5. Use small Lego pieces as rain. Ask children to throw these pieces as rain into the lake.
6. Observe how the Wall helps to block and store the water in the Lake.

Let's Read and Talk!

1. Make the children to *read the complete book.*
2. Discuss what the Cloud sees as it travels over the land.
3. Do you think Cluffy the Cloud would have been happy to see your model? Why?

Book Details	
Title : The Wandering Clouds	Language : English/Kannada/Urdu
Author : Shyamala S	Illustrator : Priya Bhoir
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story : Cluffy the Cloud travels to different places before deciding to shower the earth with rain	





Into the Food-Chain

Do you know what each animal eats?

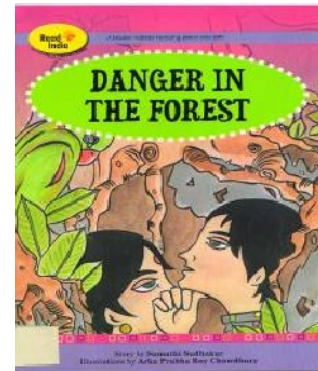
Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make a creature (*Tip: Visualize a forest: trees, plants, animals*)
3. Ask the children, what could each creature eat?
4. Describe the Food-Chain. (*Tip: Lion – Rabbit – Grass – Sunlight / Minerals from the Soil*)
5. Ask each group what happens if any creature dies.
6. Demonstrate the Decay (*Tip: Break part of each model creature and leave the pieces lying there next to it*)

Let's Read and Talk!

1. Make the children to *read the complete book*.
2. Discuss what happens if any of the creatures in the book was not there anymore?
3. Discuss what could happen if the forests are destroyed by humans.

Book Details	
Title : Danger in the Forest	Language : English/Kannada/Urdu
Author : Sumathi Sudhakar	Illustrator : Arkha Prabha Roy
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story : The two children Jeeva and Jatin save their forest friends after hearing about hunters.	





In a Class apart

How to look for similarities and differences?

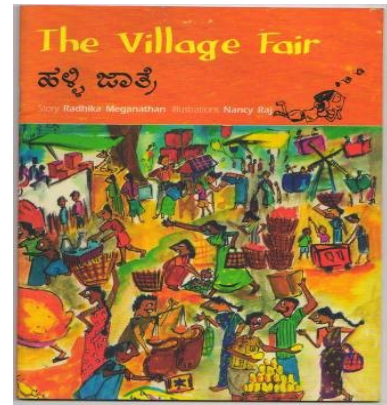
Let's LEGO !

1. Give each child some LEGO material.
2. Ask each child to make models **using 4 LEGO bricks** (*Tip: Toys, Objects*), and to keep one or two pieces spare to be used later as money.
3. Ask them to sell and buy models for money. No bargaining !!!
4. Group the models in as many ways as possible (*Tip: based on number of bricks, colour, etc*)
5. Sort the money pieces also in as many ways as possible. (*Tip: big-piece money, colour, shape, number of studs..*)

Let's Read and Talk!

1. Make the children to **read the complete book**.
2. What different things you get in a fair? Make a list on the blackboard.
3. Which things are heavy? Which are of a particular colour? Which can be good to eat? Which things are interesting to you? Which are uninteresting or boring? Write each group separately on the board.
4. Discuss how the same group objects can be grouped differently based on how you choose to look at them.

Book Details	
Title : The Village Fair	Language : English/Kannada
Author : Radhika Meghanathan	Illustrator : Nancy Roy
Publisher : Tulika Books, Chennai	
Book Level : GROWBY.	
Description : The story is about how an injured girl experiences the joy of being in a fair, despite not being able to go there. She buys things from vendors going to the fair, as they pass her house on the way to the fair-ground.	





Shapes and Shapes all over

Can you find the Shape?

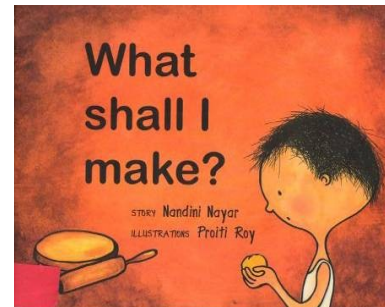
Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make objects with different shapes (*Tip: Triangles, Squares, Pentagons*).
3. Ask each group to make a shape using already created ones (*Tip: Squares using Triangles*).

Let's Read and Talk!

1. Make the children to *read the complete book*.
2. Which shapes does the boy make in the story?
3. Have you made fewer or more shapes than the boy?

Book Details	
Title : What Shall I make?	Language : English/Kannada
Author : Nandini Noir	Illustrator : Proiti Roy
Publisher : Tulika Books, Chennai	
Book Level : GROWBY.	
Story : The story is about how a boy makes different shapes using atta (wheat flour).	





Order ! Order !

Can you guess what comes first?

Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make a large tower.
3. Ask each group to compare the towers, and arrange them in a order of their heights, just as children stand in assembly for prayer in the morning(*Tip: Ascending order and Descending order*).

Let's Read and Talk!

1. Make the children to *read the complete book*.
2. What things or creatures are bigger and smaller than the Rabbit in the story?
3. List out the things which are smaller than you and larger than you? (*Tip: Look around the classroom, objects and people!*)
4. Discuss: What is according to you is more interesting, being bigger or smaller? List atleast one advantage and one disadvantage of being big and of being small.

Book Details	
Title : Putta Putani Mola	Language : English/Kannada
Author : Robert Crouse	Illustrator : Robert Crouse
Publisher : Bharatiya Jnana Vignana Samithi, Bangalore	
Book Level : GROWBY.	
Story : The story is about how a small rabbit grows bigger. The story is also about how the small Rabbit copes with bullying.	





Objects and their Stories

What do objects tell you?

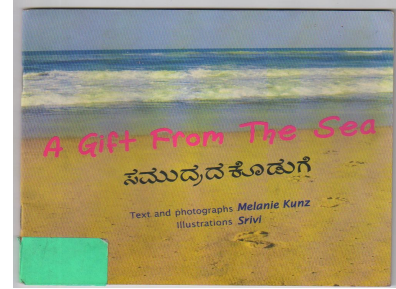
Let's Read!

1. Make the children to *read the complete book*.

Let's LEGO and talk !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to create one object from the story (**Tip: Slippers, Garland, Coconut..**).
3. Ask each group to talk about the objects created (**Tip: Uses**).
4. Do you think Rani's gifts were right? Why? What other gifts would you have carried home if you had been in her place?
5. Think about people who cannot hear, for example. How would you help them?

Book Details	
Title : A Gift from the Sea	Language : English/Kannada
Author : Melanie Kunz	Illustrator : Srivi
Publisher : Tulika Books, Chennai	
Book Level : GROWBY.	
Story : The story is about how a thoughtful little girl takes home simple but special gifts from the beach to tell her blind grandmother about the sea.	





A Different World

Have you ever imagined yourself with change in behaviour?

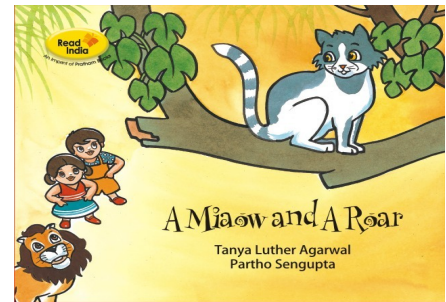
Let's Read!

1. Make the children to *read the complete book*.

Let's LEGO and talk !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to create an animal (***Tip: Forest***).
3. Ask each group to talk about how their model-animal would respond to the change they see in the story (***Tip: Opinions***).
4. Ask each group to present their thoughts, and retell the story from the point of view of their model-animal. (***Tip: Change***).

Book Details	
Title : A Miaow and a Ghurr	Language : English, Kannada, Urdu
Author : Thanya Luther Agarwal	Illustrator : Partho Sengupta
Publisher : Pratham Books, Bangalore	
Book Level : GROWBY.	
Story : The story is about how the voices of Lion and the Cat get exchanged. And how two small children convince them to exchange again !	





Measuring Distance

It's a long long way to Tipperary¹...

Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make a two sticks: one larger and one much smaller.
3. Ask each group to push the smaller stick with the larger one. (**Tip: Like the traditional Indian Gilli-Danda² game**). And play with care!
4. Ask each group to measure the distance of how far the smaller stick has travelled using their sticks (**Tip: Difference based on lengths**).

Let's Read and Talk!

1. Make the children to **read the complete book**.
2. Why was the cot created initially smaller in size?
3. In the game you played, why were the measurements made by each group different?
4. What are the standard units for measuring distance? Small distances? Large distances?
5. How far is your classroom from the Main Gate of the School? How will you measure that distance?

Book Details	
Title : Adi endare esthudhdha?	Language : English/Kannada
Author : Rolf Miller	Illustrator : Rolf Miller
Publisher : Bharathiya Gnana Vignana Samithi, Bangalore	
Book Level : GROWBY.	
Story : The story is about the confusion in measurement for the Queen's Cot.	



- 1 A Kannada version of this song was composed by the writer T P Kailasam: <http://www.youtube.com/watch?v=liFHg7VpVd0>
- 2 <http://en.wikipedia.org/wiki/Gilli-danda>





Super-Humans

What is your favourite character?

Let's LEGO !

1. Make groups of 5 children. Give them some LEGO material.
2. Ask each group to make a super-human with one special ability (*Tip: Eye-Sight, Flying*).
3. Ask each group to tell the special ability of their super-humans, name the creature and justify the Name they have chosen (*Tip: Eagle-Man, Fox-Man..*).

Let's Read and Talk!

1. Make the children to **read the complete book**.
2. What different super-abilities you find in the book? Can you give an example of a creature with the super-ability your super-man model has.
3. Which ability is superior according to you?

Book Details	
Title : We are all Animals	Language : English,Kannada, Urdu
Author : Madhav Chavan, Meera Tendulkar	Illustrator : Santosh Pujari
Publisher : Pratham Books Bangalore	
Book Level : GROWBY.	
Story : The story is about how different animals have different abilities.	

