

# Promoting Parent-Child Bonding through Meaningful Play Experience



# TINKER KIT

Cheong Su Fen  
Ding Zhen Xin  
Penny Wee

Preschool Market, Singapore

An individual typically spends most of his early years (0 – 5 years old) in a home setting.

Parents are

- ~ a child's first and most influential teachers.
- ~ can engage in various activities with the child
- ~ very much a part of the development of his creativity.



*What your parents do is much important than who your parents are (Sylva, Melhuish et al. 2004).*



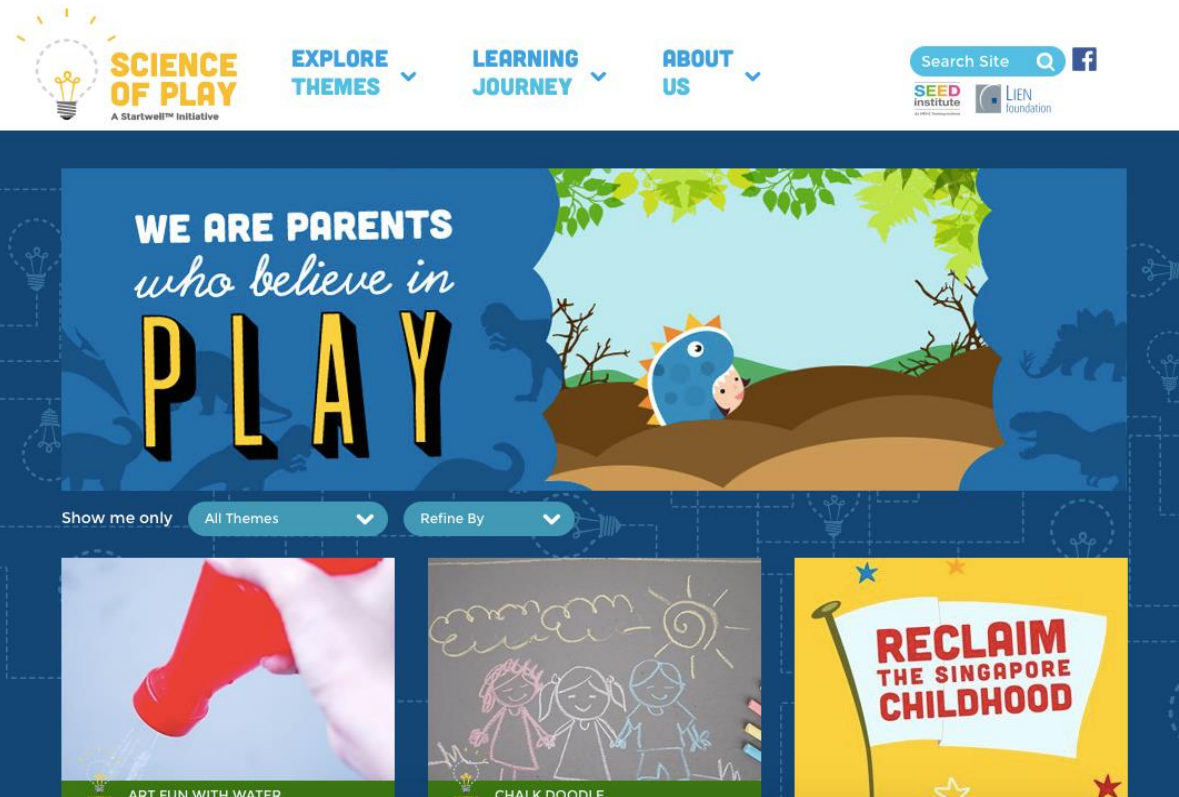
# Parent-Child Bonding Project



A Kidstarter Project for Children to  
Create & Imagine



Tinker Kit **complements** the Science of Play activities, aimed at **encouraging** parents-children **bonding** thru' craft and play activities.



*A collaboration between Lien Foundation & Seed Institute, Science of Play brings a unique Singaporean experience of meaningful play activities for preschoolers and their parents.*

<http://scienceofplay.sg/>





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GREEN LEAVES  
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*A collaboration between Lien Foundation & Seed Institute, Science of Play brings a unique Singaporean experience of meaningful play activities for preschoolers and their parents.*



### Learning Framework?

- ✓ Physical
- ✓ Intellectual
- ✓ Emotional
- ✓ Social

Endorsed by



### WHAT CHILDREN WILL LEARN

- **Physical** - Eye hand coordination, scooping, pouring.
- **Intellectual** - Exploring culture, senses, rhythm and tempo.
- **Emotional** - Enjoy, sense of accomplishment.
- **Social** - Dance together with family.

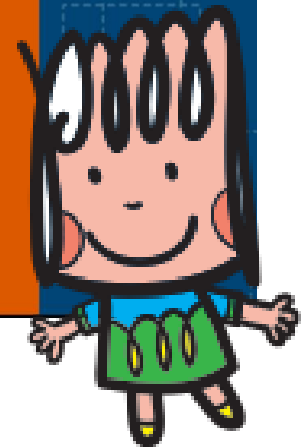
SKILL LEVEL	Easy
SUITABLE FOR	3-4 years old
ESTIMATED TIME	15 - 30 mins
ENVIRONMENT	Indoors

### What You Will Need

- 1 Small Fruit Juice bottle
- Different Types of Spices
- Scotch Tape
- 1 Nail

#Scienceofplay72

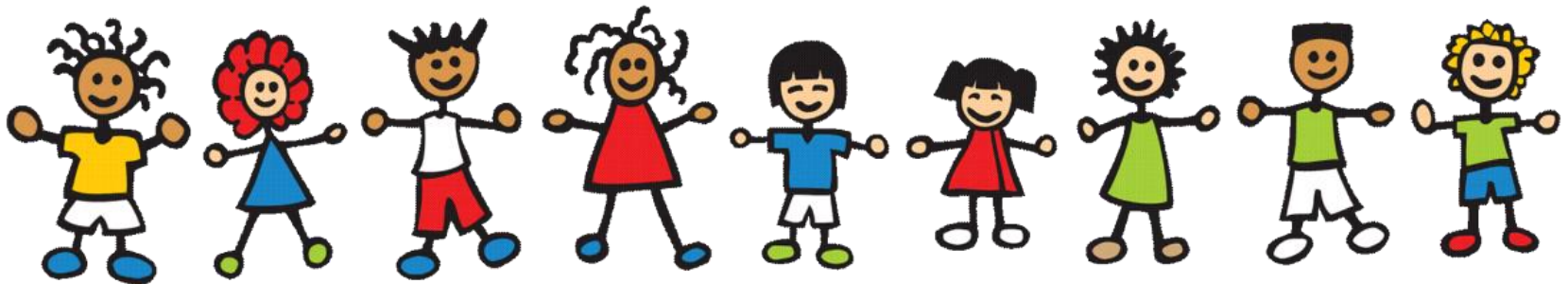
Create your very own shaker which you can smell.



*A collaboration between Lien Foundation, StartWell & Seed Institute, Science of Play brings a unique Singaporean experience of meaningful play activities for preschoolers and their parents.*

# Target Group

- Families of lower socio-economic status
  - ~ Children on financial assistance schemes
    - ~ Living in rental flats
  - ~ Household income below \$1000 per capita



# Many Helping Hands



# Building Social Capital





**1 Tinker Kit**

**200 Children**

Children learn best  
through play.

**15 Volunteers**

Giving all children the  
opportunity to play.

**3 Craft Sessions**

**Pop-Up Exhibition**





Express **creativity**,  
Encourages **focus & concentration**  
Develops **fine motor skills & eye-hand coordination**

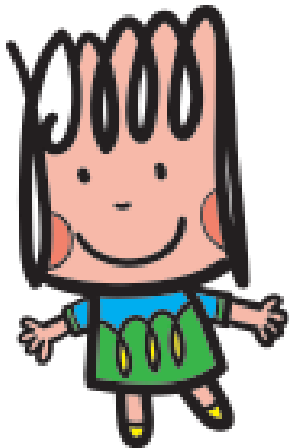
This is a creative toolbox that encourages **Expression & Imagination**



# Crafting Sessions



# Pop Up Exhibition



Sense of satisfaction as children see their works being displayed

Project Tinker Kit



<https://www.youtube.com/watch?v=X0ktjhWJ5ZI&t=3s>



# Parent Survey Results

1	I enjoy doing art and craft with my children.	75% agree
2	Doing art and craft with my children is good for our bonding.	94% agree
3	My child can learn through art and craft.	100% agree
4	Only the teacher is responsible to teach my children.	56% disagree
5	I know how to play with my children.	88% agree
6	I make use of what I have at home to do art and craft with my children.	69% agree



# LearnSG Seed Fund – promote a culture of lifelong learning



Add-ons - **Tinkering Toolbox** to further enhance the positive experiences in learning:  
~ activity tips,  
~ prompts,  
~ section on further reading and exploration

→ nurture in our young a positive attitude towards learning through to their adulthood.

Adopting a **learn through play** approach, to nurture children in **Physical, Intellectual, Social-Emotional Development**

An initiative supported by



A LearnSG Seed Fund Project by



## TINKERING TOOLBOX

### ACTIVITY TIPS

During the activity, chat with the child on what he/she is experiencing:

- How does the paint feel on your hands?
- How many ways can you use your hand to paint?  
(Lead child to explore using different parts of the hand  
e.g. the finger tips, just fingers, only palms, the back of the hand.)
- What can you use to paint dinosaurs of different sizes?



### IMAGINATION STARTERS

#### Share & Bond

How can we show more care and concern for each other in our family?

#### Imagine If

If you were a dinosaur, what would your day be like?



### READ & EXPLORE

Step back in time and enter the land of dinosaurs:

'Are you a dinosaur?' by Judy Allen English

'Harry and the dinosaurs and the bucketful of stories'  
by Ian Whybrow and Adrian





# Tinker Kit helps you create playful learning at home



## EMPOWER PARENTS

Tinker Kit gives you ideas to create playful learning opportunities at home for your child, aged 4 - 8.

## PROMOTE BONDING

The activities encourage healthy learning habits and attitudes critical for lifelong learning and promotes parent-child bonding through craft and play.

## DEVELOP YOUR CHILD

The Kit suggests activities that you can do with your child at home that builds their physical, intellectual, and social-emotional development.



## Tips and Guides for Parents & Educators

30 fun ideas for you to do with your kids at home and outdoors.



Download your FREE copy now!

<https://learnnow.sg/play.html>



Tinker Kit, a guide to learn through play  
to develop and maintain

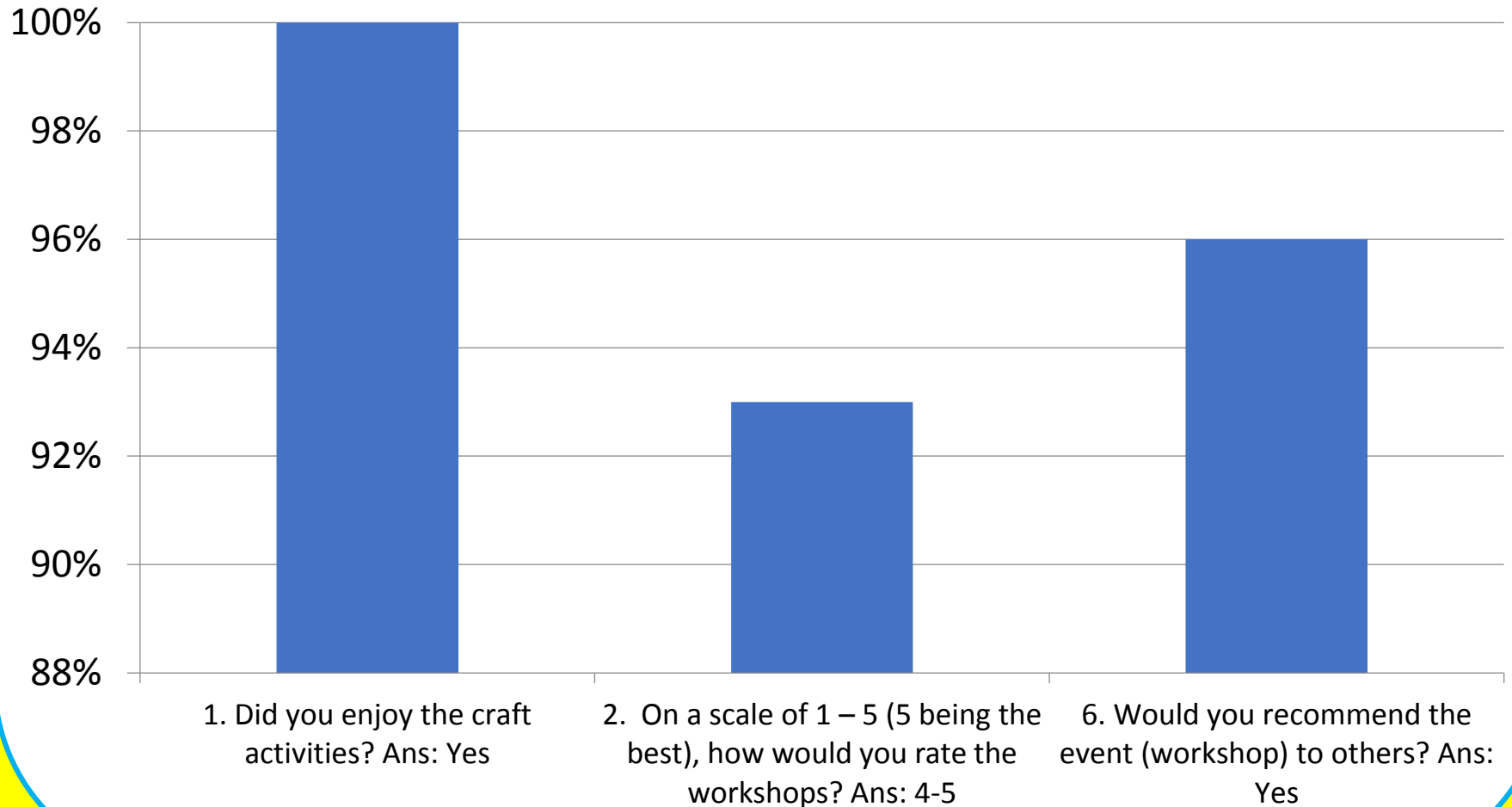


<https://www.youtube.com/watch?v=jrX0cbVv-mI>

<https://learnnow.sg/play.html>



# Results: Percentage of respondents on feedback on Tinker Kit – 30 fun things to do



# Conclusion

“No matter what background a child comes from, they benefit from the parent-child activities and parents are appreciative of such efforts”



# Future Plans

Expanding Tinker Kit with a stronger emphasis on **recycled materials and local Singapore flavour**.

For example, activities on the legendary Merlion, iconic buildings, national symbols etc.



We hope to continue to **extend the reach of Tinker Kit** so that all children and families can benefit from this learn-through-play experience.



## Every Child Matters

For enquiries, please contact [ideas@preschoolmarket.com](mailto:ideas@preschoolmarket.com)