



# What Do Parents Learn from Maker Education?

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# Social Environment

People around them



Teacher

Peers

Parents

**Children Learn Best from the Environment.**

School

Home

Others



Physical Environment

# Traditional Roles of Parents when students do project based learning.

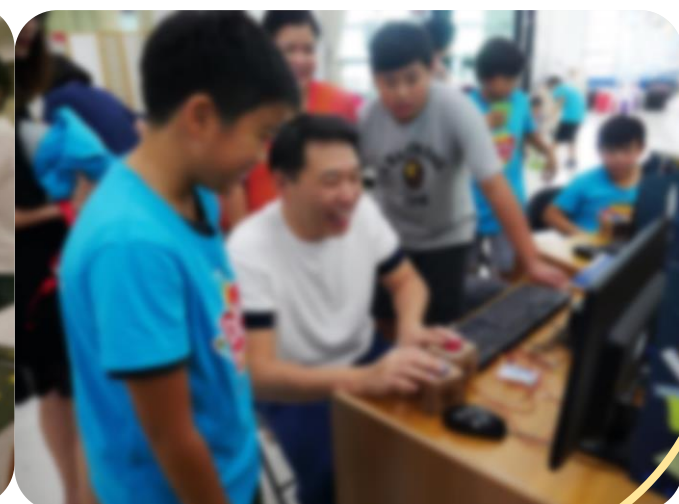


**Why my kid did not have so many  
work done?  
It's so simple, why she/he can't  
finish it?**

**But ...I have no idea!**

**What is project?**

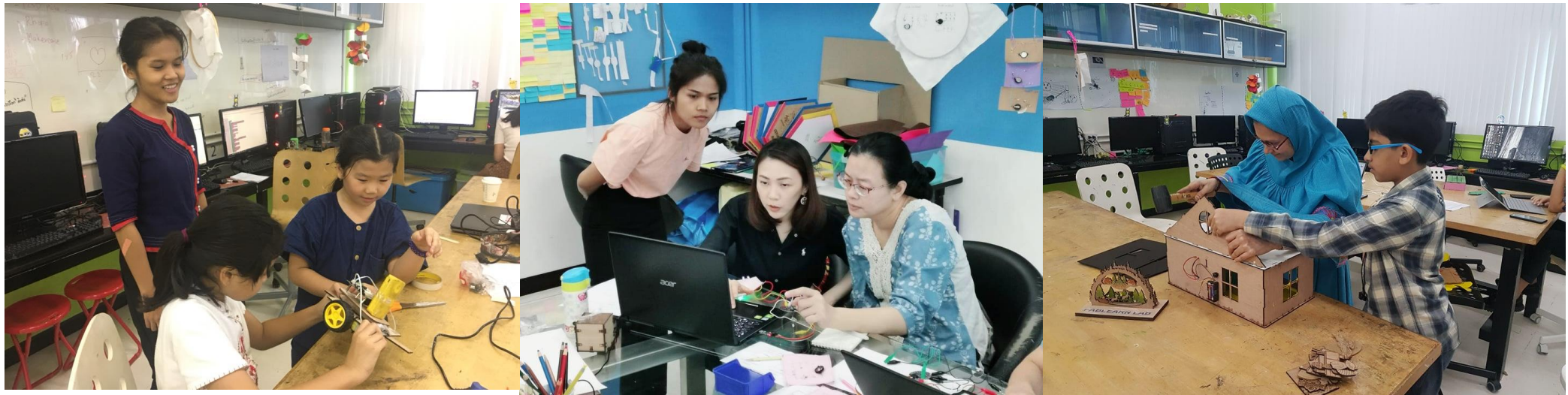
**I'm not sure if they learned anything?**





# Parents | Maker | Day

Send off your kids and become a student for a day.



And my child picked me up after school!

# Making | Observing | Reflection

- Giving prompt to parents to observe
- Making experiences
- Reflection and Discussion

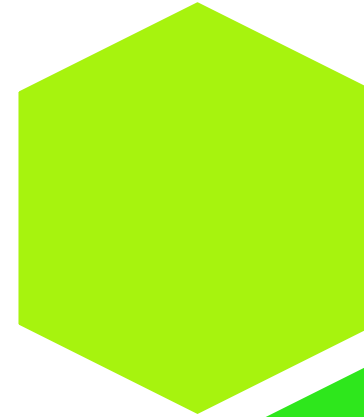




# Design of Making Experiences



Confidence



Emotional  
Attraction



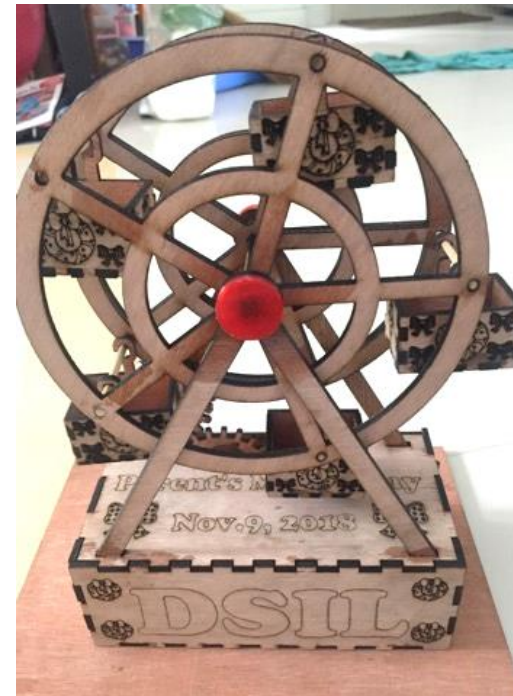
Start from  
what you  
can do.



New  
Challenge

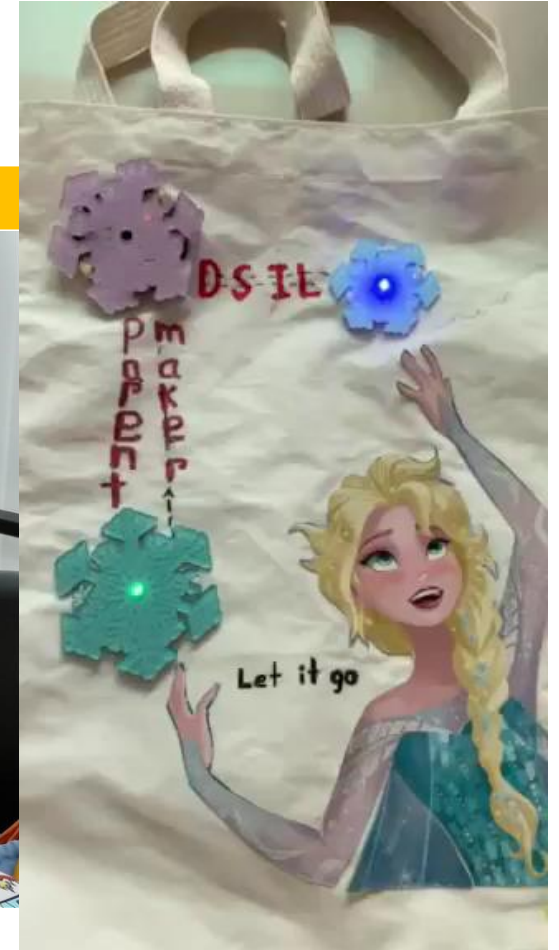
Expand  
Capacity

# Hand tools | Laser Cutting | Electronics





# Parents can do CODING, too!







# Collaboration

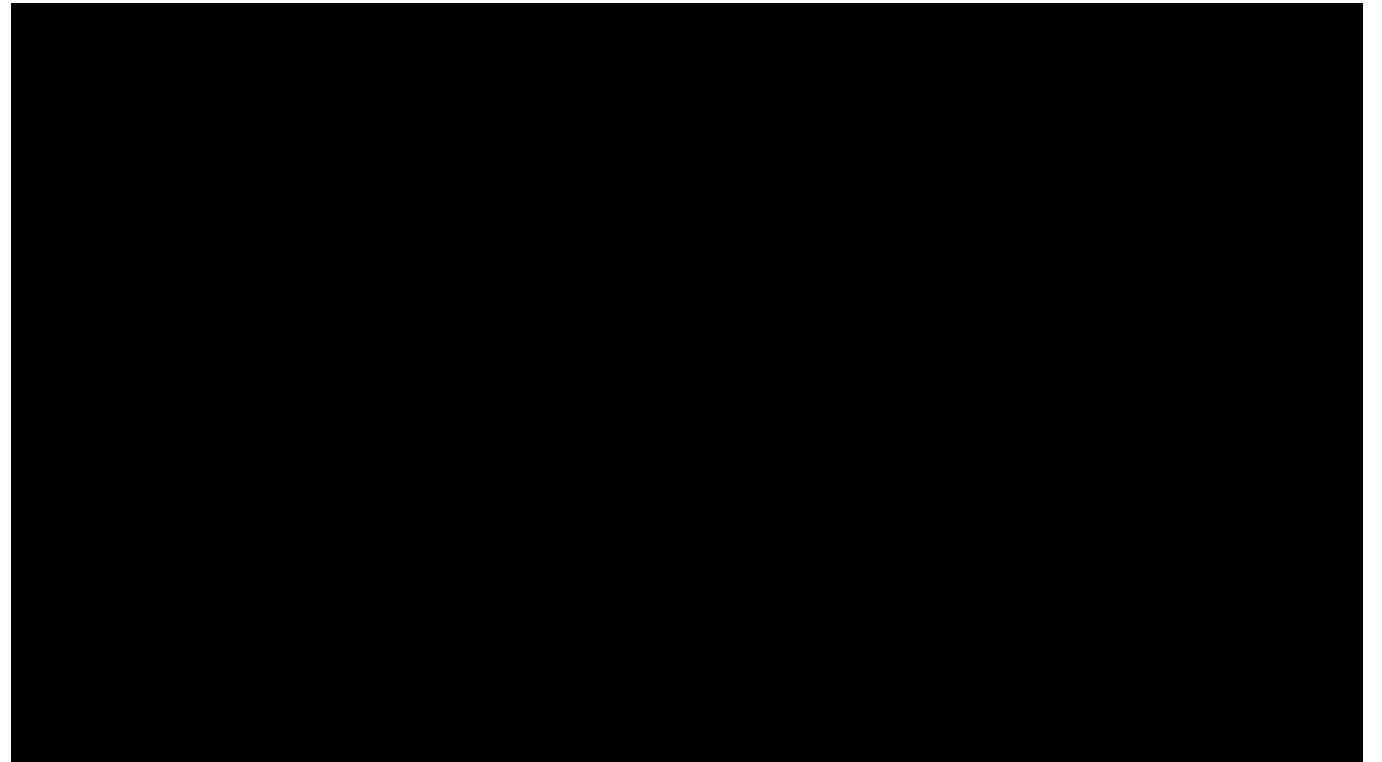
Sometimes it's hard to work alone!



# Reflection

คุณสุมาลี คงคาทิพย์  
Sumalee Kongkathip

คุณสุวิมล  
Suwimol





# What did I learn from parents?

- Simple project is not always easy. Obstacles were not recorded in physical project but it's real and it takes a lot of time and energy in the process.
- Parent's making experience encourage learning and sharing in family.
- Deeper understanding of learning process and all challenges in the process that might cause some delays. Be aware of judgements.
- Understand emotional challenges that involved in learning process
- Develop supportive interaction in family and with teachers.