

Garbage Truck

2022 KI Semester I
Weeks of Wonder Project
Maracas PM

Documented by
Teacher WanJun



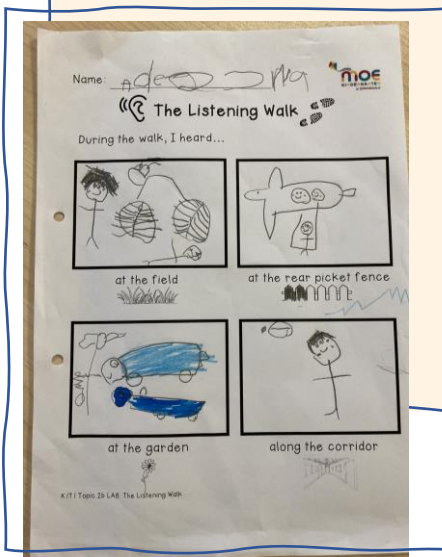
How the project came about...



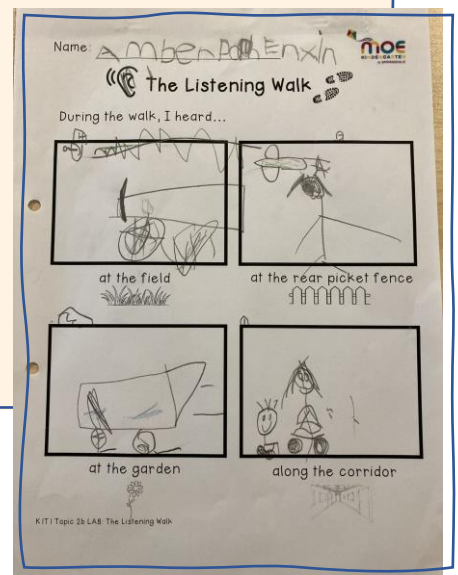
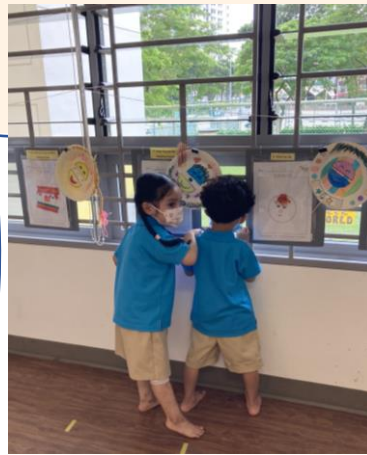
As part of our HI-Light Programme, the children went on a *Listening Walk*. They focused on their sense of hearing to listen for interesting sounds in their environment.

Hearing the rumble of the garbage truck.

They were excited to discover and see what objects and things made the sounds they heard and made drawings of the airplane, friends riding the tricycle and the garbage truck.



The children would also often spot the garbage truck by sight from Level 2!



The children had a strong interest in garbage and recycling trucks and chose to find out more about “Garbage Trucks” for their **Weeks of Wonder (WoW) project!**

We know...



The topic, "Garbage Truck", sparked off a lively discussion as children shared what they knew about the disposal of rubbish in their daily lives. As each child shared their knowledge, the rest listened intently and were fascinated by what their friends knew.

The rubbish truck helps us to throw things away.

- Jun Xiang

It is like a recycling truck.

- Adam

We can recycle tin cans, old clothes.

- Elson

The rubbish truck clears rubbish bins. Things inside the rubbish bin are dumped into the rubbish truck.

- Le Jie



From the story, *Trashy Town* by Andrea Zimmerman, the children remembered the catchy line, "Dump it in, smash it down, drive around the Trashy Town."

The garbage truck lifts the bins.

- Elson

My helper throws the rubbish.

- Chloe

Daddy and mummy threw my toothpaste away, I can't get it back.

- Adeena

The rubbish becomes ash. It is like soft powder.

- Elson

We wonder...



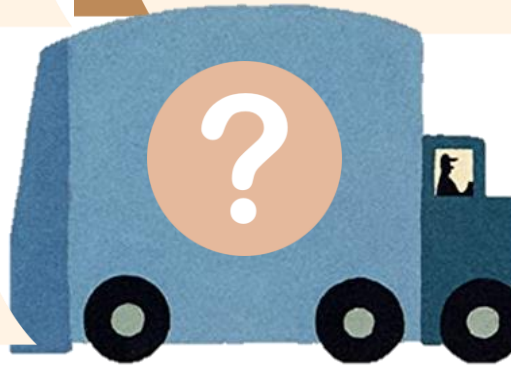
From the sharing of knowledge, the children started to think deeper and question about the entire process, from the start where garbage is generated to where they all end up.

What happens to a dirty balloon when I throw it away?
- Le Jie

Can the rubbish truck pop a balloon?
- Le Jie

What sound does the rubbish truck make?
- Elson

What is a rubbish chute?
- Amber



What happens to the rubbish after throwing into the chute?
- Adeena

What happens when we throw rubbish into the recycling bin?
- Elson

Maracas Class Questions

How does the garbage truck collect the rubbish and how does the garbage truck work?

Why can't we get our things back after we throw things down the rubbish chute?
- Elson

Where does the rubbish truck come from?
- Amber

Where does the rubbish truck Uncle come from and where does our rubbish go?
- Le Jie

We find out...



The children explored a variety of ways to investigate and problem-solve, for example, through documentary videos, stories and songs. Throughout the process, the children discovered answers to their own questions and MORE!



The children realized the importance of reducing waste to save Semakau and went on to find out more about recycling.

LEARN WITH US!
SAVE SEMAKAU



They spotted 3 Bloobins at the foot of the HDB blocks by looking out of the classroom windows that sparked a discussion on recycling.

LEARN WITH US!
RECYCLING



Only clean recyclable items, like drink cans or glass bottles, should be placed into Bloobins!

We find out...



Through simple experiments, the children were able to think deeper and explore the ideas presented before them.

Experiment 1: Compacting rubbish

Experiment 2: Clearing rubbish every day

Bits of wastepaper were collected from the children's activities. They examined the clear bottle and recalled the story, "Dump it in, smash it down..." and explored the need for smashing the rubbish down. With a simple experiment, they discovered the space created after compacting rubbish.



Fruits that were accidentally dropped on the floor were kept over the weekend for the children to discover the smell of decomposed fruits. This helped them realize the importance of clearing our rubbish every day.



We find out...



In preparation for the garbage collection viewing experience, the children collaborated to make a card as a class to thank the garbage collection crew.



The children put their best effort in colouring their individual balloons before placing them into position. They watched with excitement as their efforts came together to create a beautiful card.



Proud of their creative work, the children took a photo to remember the part they played in this team effort!

We find out...



The first-hand experience of the garbage collection process at Springdale Primary School triggered more questions from the children and their curiosity were satisfied by expert answers from the friendly Sembwaste representative.



On the way to Springdale Primary School, Meliqa reminded her friends that we shouldn't say the rubbish is smelly and they all agreed to show respect to the collection crew.



The children watched and learnt the process of latching the bin onto the Rear End Loader, lifting the bin to tip the rubbish in and compacting and moving the rubbish into the body of the truck.



The children enjoyed a close-up view to examine parts of the Rear End Loader!

Elson said, "Garbage collection crew are our heroes!". With a deep sense of appreciation, the children thanked the crew for showing their work.



Watch our garbage collection viewing experience.



We learnt..



The children displayed a positive learning attitude during the various stages of our WoW project. They were able to work well with their friends as they shared information with one another during activities and discussions.



Watch
our
pledge
recital.



Watch the children recite their very own pledge to save Semakau landfill and help our garbage collection crew.

I learnt that the garbage collection crew are very hardworking. They work every day to help us.

- Amber

The garbage truck is very big.
- Aaisyah

I learnt to make a thank you card for our heroes

- Elson

I learnt that you press a button and smash the rubbish down.

- Jun Xiang

I learnt that we can throw a lot of rubbish in the garbage truck but we must recycle.

- Meliqa

I learnt that there are lights on the garbage truck and it was for safety!

- Adam

I met the garbage collection crew who helped us to throw our rubbish.

- Chloe

I learnt to recognize the rubbish truck that comes to my home and neighbourhood.

- Adeena

I learnt that the garbage truck is very big and it can collect a lot of rubbish.

- Le Jie