

# Highgate Childcare Centre

## Leak-proof Bag Experiment



“When I poked the pencil into the water, it wasn’t leaking because the pencil was covering the hole.”

“The bag did not leak because of water pressure”

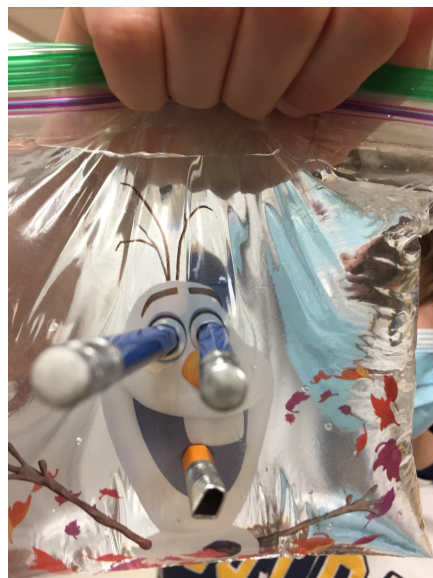
“I poked the pencils inside the water, and it didn’t even drop a single drop!”

“I poked pencils in the snowman’s eyes and mouth.”

This experiment was meant to show and teach the children about water pressure and seals. The children were able to understand that the water pressure inside the bag was the reason the bag did not leak, and as they inserted and removed the pencils, we explained to them why the water was flowing out the way it did.



The experiment facilitated the children to ask questions about the water, and were wondering what exactly made the water, the plastic bag, and the pencil react the ways that they did, fostering their sense of inquiry (ELECT 4.5 Inquiry).



## Building a Snowman

“We made a snowman by making snowballs and then stacked them on top of each other.”

“We made a snowman and I destroyed it because it had an alien inside it.”

“I call him Frosty. It was fun to make.”

“We finished the snowman and then stacked it with three big snowballs.”



After a heavy snowstorm I got an opportunity to take the children outdoors so they can learn and explore. The children started gathering big snowballs, and I gave them the idea of making a big snowman. That drove children's interest towards building one. The children picked up loose snow to pack two big snowballs so they did not just break. A few children got sticks, and one student even put a hat on the snowman. It was a fun-filled experience. Some of the children even used their imagination to give the snowman a name, and even imagine an alien living inside it.

This activity provided the children with imagination, exploration, self esteem, and teamwork (ELECT 1.4, 2.3, 2.6, 4.3; Helping skills, Self esteem, Positive attitudes, and Representation.)

