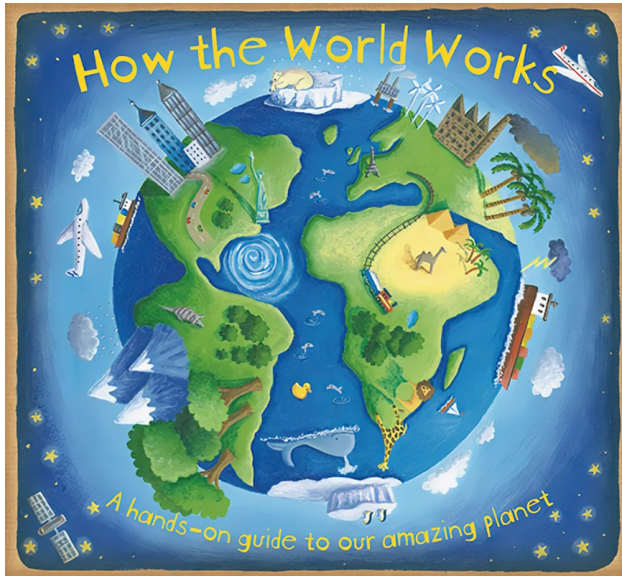


How the world works

Dear readers,

Our Second graders exploring second transdisciplinary theme "How the world works" an inquiry into the natural world and its laws; the interaction between the natural world how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.



CENTRAL IDEA:

Everything around us is matter and has different properties that change to serve certain needs.

Key concepts:

form, change, connection.

Related concepts:

properties, relationships.

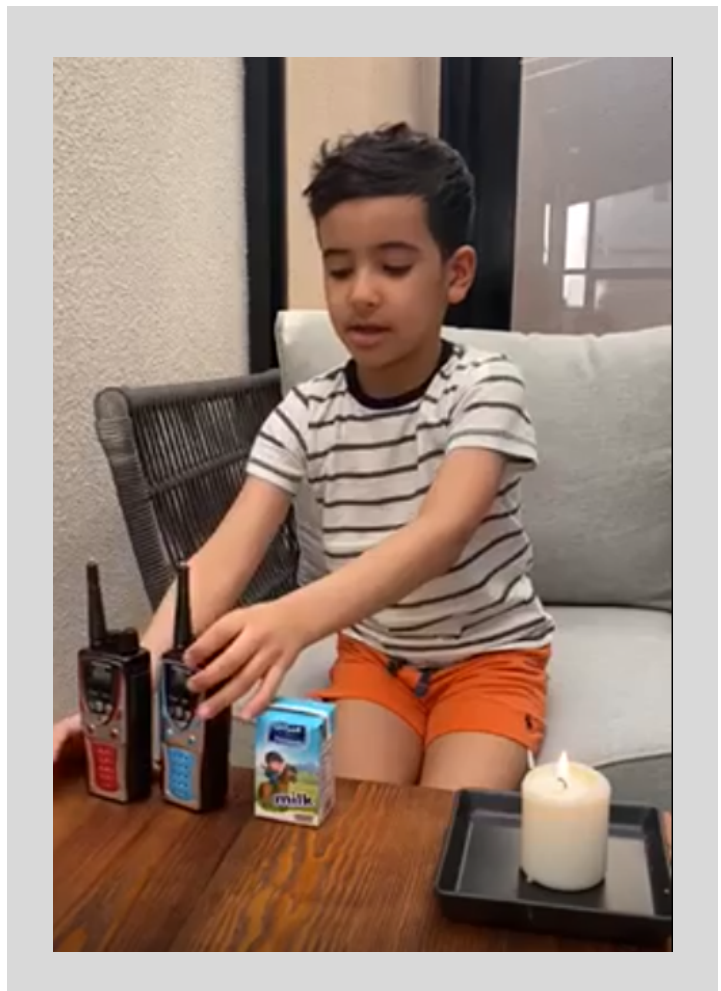
Learner profile

Attributes:

inquirer
knowledgeable.

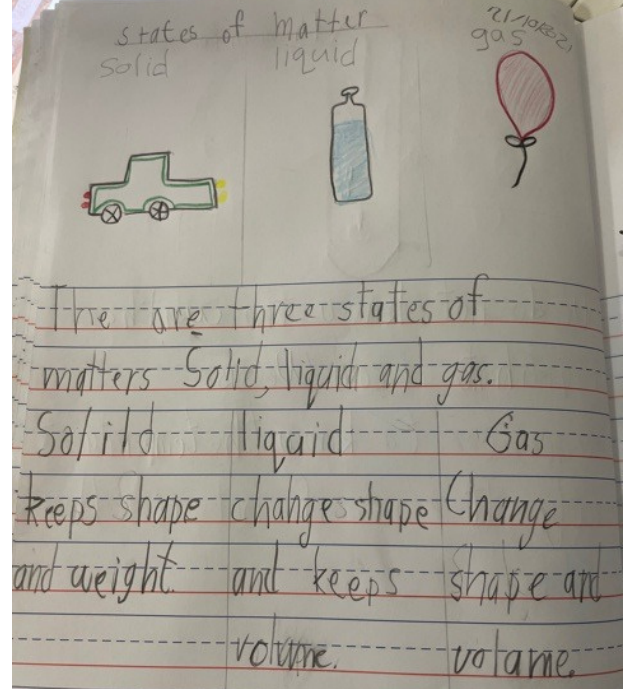
ATL Approaches to learning:

Thinking, research, social and communication skills.



Tuning in

During this inquiry, our students have figured out and know how to observe and measure properties of matter and how to distinguish solids, liquids, and gases.



Chemical change

Before frying



After frying



2-Sorting out:

Our students also learned how to describe water in its solid, liquid, and gaseous states; how to measure and compare volume and temperature; ways that matter can be changed; and how materials can be combined to build structures. The difference between chemical and physical changes and experimenting it with hands on activities in digital classes and sharing their results and conclusion within groups.

3- GOING FURTHER:

Students inquired by using the scientific method to discover answers to their questions such as how the water-cycle works and investigating it through watching videos online and discussing it with their co-learners in digital classrooms and recorded their own experiments and conclusions in videos and have shared it via padlet with confidence.

