

Programme for 6th WebSharing on 5th January 2024, 3pm (SIN)

3.00 – 3.15 p.m.

Introduction

Review of Past WebSharing Topics (Dr Tan KS)

- **#1 Reflective Learning (23 Oct 2021)**
[3 simple thinking skills: Observe – Generate – Relate (OGR)]
- **#2 Affective Learning in Science Education (13 Nov 2021)**
[Using Science Concepts to demonstrate Values & Life Skills]
- **#3 Assessment (22 Jan 2022)**
[from Assessment of/for Learning, to Assessment as Learning]
- **#4 Integrating Learning & Thinking in Science (03 Sep 2022)**
[Integrating Learning-Thinking in Multidisciplinary Contexts, e.g. in STEM and in Design Thinking]
- **#5 “Simple Science Concepts, Challenging Tasks” (31 May 2023)**
[Crafting challenging engagement tasks using simple science concepts learnt in class, in the lab or in assessment materials]

3.15 – 3.45 p.m.

Guest Speaker, Ms Nancy Soon

Topic: “Singapore Invention Convention 2023”

[About the inventive work of global young inventors at the Convention]

3.45 – 3.50 p.m.

Screen Break

3.50 – 4.10 p.m.

Resident Speaker, Dr Tan Kok Siang

Topic: “Adaptive and Inventive Thinking”

[A pedagogical interpretation for learning, thinking and assessing school science]

4.10 – 4.30 p.m.

Discussion

- **#6 “Adaptive and Inventive Thinking”**
[Using the OGR approach to help students pick up Adaptive and Inventive thinking habits while learning school science]

Questions & Responses

Conclusion