



To: Subject Advisors
: Teachers
: Parents and Caregivers of NS Tech Learners

Theme: Rebooting the system

Topic: Post pandemic approach to get the system working better

Message Objective(s):

- To share strategies that can be used in and out of class to enable rebound of the system

It is without doubt that some agile, responsive and intentional actions should be adopted to get the system working much better. Furthermore, an accelerated approach to inculcate a learning culture that emphasises 21st century learning with focus on soft skills such as critical thinking, problem solving, and creativity should be adopted. To achieve this, teachers, parents/guardians and other stakeholders could focus on:

1. Creating enabling conditions for Meta learning

-Learners need to take cognisance and control of their learning – the what, how and why they learn. One of the specific skills in Science emphasises the need for learners to connect and understand the world around them. The need to understanding topical issues such as climate change, pandemics, and energy and fuel issues should be intertwined with the curriculum expectations.

2. Having a collaborative approach to learning

-Systematic approach for learners to work assigned tasks or projects not only enhances their problem solving skills but also improves their socio emotional learning abilities. This involves how they relate to others in a group and also manage to control their emotions, feelings at the same time express ideas and thoughts for the achievement of a task.

3. Incorporating assessment FOR learning and assessment AS Learning

-Assessment should largely be used to direct the learning process not just as a barometer of the learning that has taken place. Assessment could be used to inform learning behaviours and preferences.

4. Using inquiry-based learning

-Encouraging curiosity for learners to question, investigate and probe observations. Leading to the scientific method and experimental design. Allowing learners to also make hypothesis and compare their hypothesis with experimentally determined result.

5. Focussing on talent identification and development

-Early identification of outstanding learner skills, competencies and attitudes is key. This assists to channel learners towards potential career pathways. Engagements with Science learners in Olympiads, Quizzes, Robotics and Coding, Machine Learning and other career related activities is paramount.

Thank you

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