

**11<sup>th</sup> SEAMEO-University of Tsukuba Symposium (Virtual)**  
Technology and Values - Driven Transformation in Education  
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## **ABSTRACT**

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Topic: Human Character Formation through Formative Assessments to  
Develop Student Agency

OECD Education 2030 defined Student Agency as learned how to learn for developing challengers for sustainable, competitive and well-organized society. Against COVID-19, we, educators and teachers, were able to manage online education however we felt uncomfortableness because we lost the classroom interactions which are necessary for cultivating societal values and attitudes for non-cognitive skills. Indeed, in our communication, more than 60 % of communication is done by non-verbal communication such as attitudes which can be seen with emotions and affections. Current online system does not well manage them.

Formative assessment, assessment for teaching which promotes students learning in another words, is done by the teacher in classroom based on his/her value/aim, objective and plan to provide feedback or do next action. Every student also engages in self-evaluation based on his/her value, objective and learning for next action in classroom. From teachers' perspective to cultivate Student Agency, it is necessary to transfer the necessary value and attitude to students. From students' perspective, it is the opportunity for self-evaluation which develop self-efficacy and enculturate the societal values and attitudes and it is a part of their learning. As for human character formation, teachers are necessary to manage classroom interactions as for the opportunity to develop them. To demonstrate these perspectives for human character formation, we share two examples of formative assessment and self-evaluation in the case of mathematics classroom.