

TEMPLATE WORKSHOP

MATHEMATICAL PERFORMANCE-BASED LEARNING WORKSHOP

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Math Teacher Research Group from Yungu School, Hangzhou, China

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Students from Yungu School, Hangzhou, China

Short description of the Workshop Groups: organizers, aims and underlying ideas

Type a short description of the organizers, aims and underlying ideas characterising your thematic afternoon activity here.

We are a group of teachers from Hangzhou Yungu School. In this workshop, we will share how to build a mathematical performance task of real-life situation, by going through some daily practices we had in the past four years. We believe that by real-world performance-based learning, students are guided to apply mathematical knowledge and skills both inside and beyond subject learning, to help students to perceive math as sensible and worthwhile. Not only content knowledge and procedural fluence skills can be improved, but also problem solving and mathematical reasoning skills. We want to inspire students to recognize and apply connections among math and outside of math.

Planned structure:

Insert the planned structure of the workshop in the table below. You can insert rows if needed.

Planned timeline	Planned activity	Working format /Responsible person
10 mins	Warm-up: (1) Self-introduction. (2) Icebreaking time: a math board game created by Yungu students. (3) Clarify the major goals of the workshop.	Material: Board games designed by Yungu students / Portable Tables and Chairs Working Format: Presentation and a math game Responsible Persons: 3 Yungu students and 3 teachers together
30 mins	3 Presentations by Yungu students.	Material: Projector (Apple TV preferred) Working Format: Presentations Responsible Persons: 3 Yungu students and Jing Yang
40 mins	Daily practices of mathematical performance-based learning in Yungu	Material: Projector (Apple TV preferred)

Last names of the organizers

	School.	Working Format: Presentations Responsible Persons: Fan Zou/Shuyang Sun
10 mins	Summary	Material: Working Format: Presentation Responsible Person: Jing Yang

Venue requirement:

Apple TV preferred.