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Teachers' learning from learning studies: an example of teaching and learning fractions in primary four.

Woo, Jeong-Ho (ed.) et al., Proceedings of the 31st annual conference of the International Group for the Psychology of Mathematics Education, PME, Seoul, Korea, July 8–13, 2007. Vol. 1-4. Seoul: The Korea Society of Educational Studies in Mathematics. Part 1, 157-161 (2007).

Summary: In this paper, we suggest an effective model for teachers' professional development – Learning Study. A Learning Study combines students' and teachers' learning. Through a Learning Study, teachers improve their teaching by learning how their students learn. In a Learning Study, a group of teachers explore the relationship between teaching and learning with the aim to improve students' learning in a cyclic process of planning and revising their lessons. An example of a Learning Study about teaching fractions in Primary 4 in a Hong Kong school is given.

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