While educational measurement typically optimizes measures for accountability or research, practitioners often require very different information: they need to know how to reliably improve performance in their immediate spheres of effort (e.g., learning in classrooms). The activity of learning in and through practice to improve outcomes requires what might be called *practical measurement for improvement*. Practical measurement can assist educators in assessing changes, be used for predictive analytics and priority setting, and to identify high performing places or people as potential sources of innovation. This symposium will present several cases of the effective use of practical measurement in education and discuss essential themes in their development, refinement, validation, and use.