Redesigning a module on addition and subtraction involving negative numbers.

Summary: The authors explain the process followed in one school in Singapore. A university-school research project in Singapore reveals a new approach to this topic at the secondary school level.

Classification: D73 F33 F36

Keywords: arithmetic; addition; subtraction; integers; negative numbers; approach; teaching; curriculum development; educational research; lower secondary; low achievement; classroom observation; understanding; teacher education; professional development; concrete-pictorial-abstract approach; educational media; teaching aids; AlgeCards; worksheets; teaching units; experience reports