

Number sentences

About this Illustration of Practice

This lesson sequence aims to develop students' understanding of the order of operations in number sequences. The teachers have structured the sequence to ensure that students develop a deep understanding of core concepts and the use of mathematical language. The purposeful selection of resources scaffolds learning by engaging students in the application of knowledge.

Number
sentences

Standards

Standard 3

Plan for and implement effective teaching and learning

Focus area 3.2

Plan, structure and sequence learning programs

Proficient

Descriptor: Plan and implement well-structured learning and teaching programs or lesson sequences that engage students and promote learning.

Discussion questions

1. In what ways do you utilise ICT to enhance student learning in your classroom?
2. What advice might you give colleagues about how best to structure lessons intended to encourage deep understanding of difficult concepts?

Learning context

This series of Mathematics tasks was planned for Year 6 students in a metropolitan government primary school. The learning tasks were developed by a team of teachers to target students' conceptual understandings related to the order of operations in number sentences. The task design process used by the teachers involved them discussing the concept, observing students engaged in learning related to the concept, then developing strategies to further the students' learning.

School context

Paradise Primary School
South Australia

Year level: Year 6

Related subject: Mathematics

Stage of schooling: Primary

School type: Government

School location: Metropolitan

[View school location in Google Maps](#)

Australian Curriculum

Learning area: Mathematics

Year level: Year 6

Content descriptions: [ACMNA134](#)