

Commutative and Associative Properties

Summary

Students will use and understand the Commutative and Associative Properties.

Main Core Tie

Mathematics Grade 7

[Strand: EXPRESSIONS AND EQUATIONS \(7.EE\) Standard 7.EE.2](#)

Time Frame

1 class periods of 45 minutes each

Group Size

Large Groups

Life Skills

Thinking & Reasoning, Systems Thinking

Background for Teachers

Some activities require advance preparation - see resource page.

Student Prior Knowledge

Students should be proficient at adding, subtracting, multiplying, and dividing one-digit numbers.

Intended Learning Outcomes

Students will use and understand the Commutative and Associative Properties.

Instructional Procedures

Note: all materials can be found on the materials tab. Lesson begins with pre-assessment, then powerpoint presentation by teacher. Students explore the websites in pairs. Students then work the homework individually.

Strategies for Diverse Learners

Struggling students may use [study_guide.pdf](#). A video lesson is provided for students to view outside of class.

Extensions

Provided journal prompts may be used as extensions.

Rubrics

[Math Problem Solving Rubric](#)

Bibliography

open-source materials from Henrico County Schools

Authors

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