

SWITCHING DIGITS

3.2-C3

Objective 3.2-C: Order and compare numbers 0-99.

Sub-Objective: Compare two numbers (no more than two digits) from their numeral representations.

Type of Lesson: Reinforcement

Instructional Method: Game (3 students)

Description: Students compare numbers 0-99 when digits are reversed.

Materials: digit flip cards, Activity Sheet 61 (1 page)

Procedure

1. Give Student 1 and Student 2 each a spiral pack of digit flip cards. Tell them to pick any digit they want and to turn the other cards back over the spiral so that only their one-digit card shows. (Check that the digits are not the same.)
2. Have the two students stand or sit next to each other and hold their digit card in front of them. (If the digit in the tens' place is a 0, ask the Student 1 to put the card out of sight. It is inappropriate to write a 0 in the tens' place of a one-digit number.) Student 3 observes the number made by the two digit cards and writes the number above the dotted line on the first framework on Activity Sheet 61.
3. Have Student 1 and Student 2 switch places so that the new number now has what-was-the- tens'-digit in the ones' place and what-was-the-ones'-digit in the tens' place. (Again, take care of a 0 in the tens' place.) Have Student 3 write this new number below the dotted line directly under the first number.
4. Student 3 can earn one point by comparing the numbers and stating which number is larger and which number is smaller. Student 3 may find it helpful to draw lines-for-blocks to help him compare the two numbers. However, as the game goes on, encourage less and less reliance on drawings. If Student 3 has trouble making the comparison, have him model the two numbers with blocks and use two number lines (Activity Sheet 59) to make the comparison.
5. Repeat steps 1-4, rotating roles so that each student has many opportunities to be Student 3.
6. The student with the most points wins the game.

	Tens	Ones	
	3	5	

	5	3	

Evidence of Learning: The student compares two two-digit numbers from their numeral representations.