

# Lesson Plan

## Counting and numbers - Convert Digits to Words

First (1) - Math

### LEARNING TARGET

- Students will be able to convert digits to word form up to 120.
- Students will be able to explain the rules for converting digits to word form.

### LEARNING PROGRESSION

#### PREREQUISITE SKILL

Counting and numbers - Counting on Number Lines to 120

#### EXTENSION SKILL

Counting and numbers -

#### DURATION

- Introduction (5 minutes)
- Instruction (15 minutes)
- Guided Practice (15 minutes)
- Misconception Review (5 minutes)
- Independent Practice (15 minutes)
- Exit Card Formative Assessment (5 minutes)

#### MATERIALS

- Whiteboard and markers
- Digit cards (0-9)
- Word form chart
- Worksheets for independent practice

#### VOCABULARY

- Digit
- Word form
- Place value
- Ones
- Tens
- Hundreds

### INTRODUCTION

- Begin the lesson by asking students to count to 1,000 as a class.
- Explain that today's lesson will focus on converting the digits in numbers to word form, which means writing out the number in words.
- Display a chart on the board that shows the different place values (ones, tens, hundreds) and examples of how to write each one in word form.

### INSTRUCTION

- Review the place values and their corresponding words with the class.
- Show an example of how to convert a three-digit number (e.g. 346) to word form by breaking it down into its place values ( $300 + 40 + 6$ ) and writing out each one in word form.
- Provide more examples, both as a class and individually, to help students become more comfortable with the process.

## GUIDED PRACTICE

- Pass out worksheets that include practice problems for converting digits to word form.
- Work through a few problems as a class to ensure understanding and provide support where needed.

## INDEPENDENT PRACTICE

Allow students to work independently on the provided worksheets, with support as needed.

## HOMEWORK

- Assign a few problems for students to practice converting digits to word form at home. Progress Monitoring Formative Assessment (10 minutes):
- Check in with individual students and provide additional support as needed.

## EXIT TICKET

- Pass out exit cards and have students convert a given number to word form.
- Collect the exit cards as a formative assessment to gauge understanding.

## SUMMATIVE

1. Exit Card Formative Assessment
2. Progress Monitoring Formative Assessment
3. Summative Assessment 10 question worksheet 8/10 for mastery

## CLOSING

Review the material covered in the lesson and ask students to share one thing they learned about converting digits to word form.

## TEACHING TIPS

Use digit cards to help students visualize the process of converting digits to word form. For example, if a student has a card with the digit 7 on it, they can place it in the ones column and say "seven" to reinforce the concept.

## MISCONCEPTIONS

Students may struggle with identifying the value of each digit in a number. For example, they may see the number 356 and think that the digit 5 is worth 50 instead of 5 tens. It is important to review the concept of place value and provide additional practice as needed.

## **EXTENSION**

- For advanced learners, provide opportunities to convert numbers to word form beyond 1,000.
- Challenge students to write out large numbers in word form, such as 5,000 or 100,000.

## **INTERVENTION**

- For students who are struggling, provide additional practice with place value by having them identify the value of each digit in a number. For example, ask them to identify the value of the digit 8 in the number 583.
- Use manipulatives or visuals to help students understand the concept of place value, such as base ten blocks or place value charts.

## **COMMON CORE STANDARD**

1.NBT.A.1 - Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.

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