

## Reading and Writing Numbers to 99

This activity focuses on the use of base ten blocks to show numbers to 99.

**Prerequisite:** If you have not already introduced the numbers to 99 using Unifix cubes or bundling sticks, see *Reading and Writing Numbers 20-99 Unifix*, first and *Reading and Writing Teen Numbers Unifix*. It is recommended that you follow those lesson plans before using this one.

**Important Note:** Base ten blocks are not recommended for early grouping or “make a ten” activities, as the base ten block cannot physically be grouped and ungrouped. The only way to show this is to *trade* or *swap* 10 ones for 1 ten.

However, the Easy Place Value Gadget includes the benefit of illustrating this grouping and ungrouping on-screen. This means that students can see, virtually, what happens with these blocks. Because of this it is recommended that students already familiar with Unifix and bundling sticks activities use the Gadget App before using the concrete resource of the actual Base Ten Blocks.

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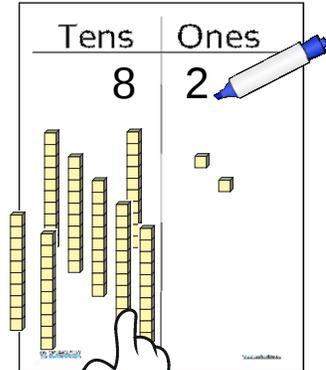
t or

- workbooks). Open the NUMERAL box and show the students the written form.
- **Say:** *Let's count on from here...* (placing extra ones blocks as you go). 79... then place the last one making 10 ones.
- **Remind students:** *What happens when we get 10 ones?... the blocks join together making 1 stick of ten ones, which moves to the Tens place.*
- **Ask:** *How many tens are there now? How many ones?*
- **Say:** *Write down the number shown now.* Repeat with other numbers, remembering to leave the teens till later.
- Watch the numbers change as the blocks group and ungroup as you go.

\* See attached chart.

### 3. Using base ten blocks concrete resources

- Repeat the lesson but this time use the actual base ten blocks on the Tens & Ones place value chart
- Count with the blocks and “trade” or “swap” the blocks as a ten is created. This is a higher level concept so should be left until students are very comfortable with the idea of grouping or “making a ten”.
- Select different numbers, including teen numbers
- Count backwards
- Have students write the number on a place value chart
- Create



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# Tens

# Ones



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