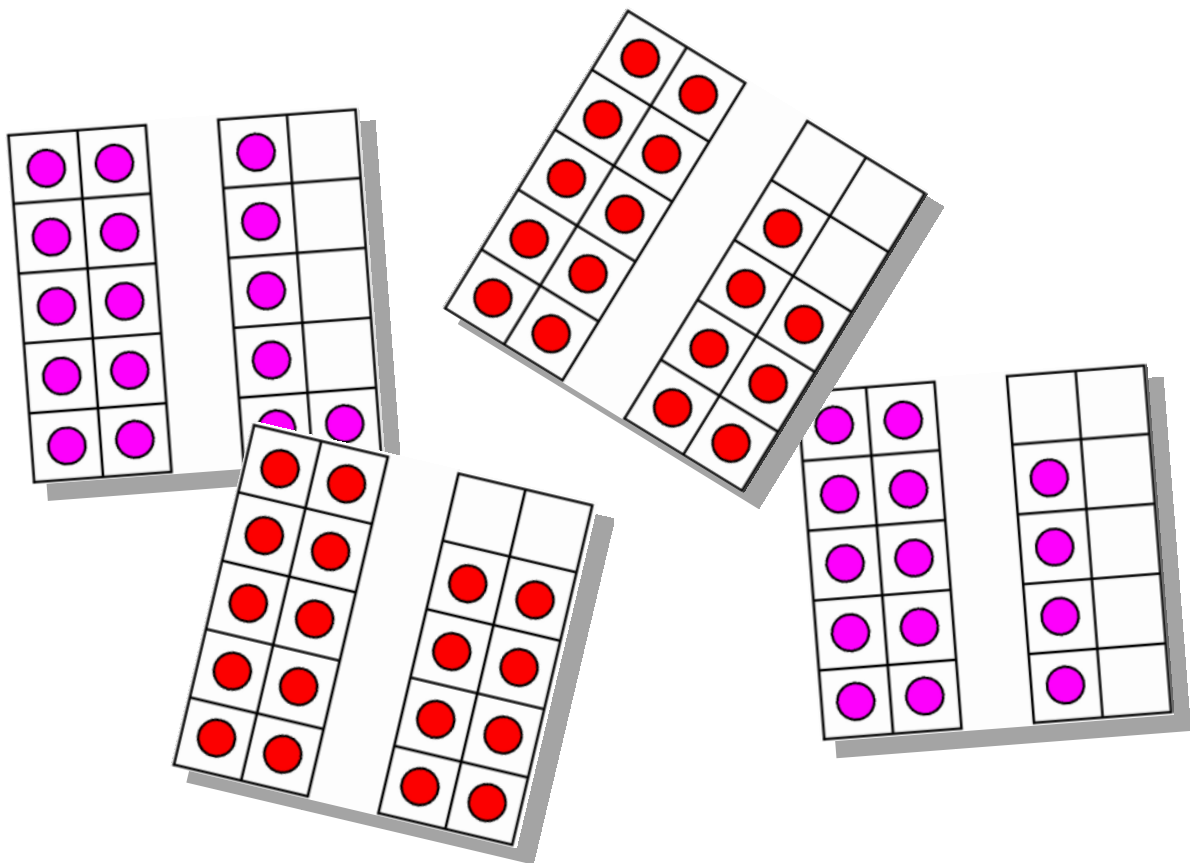


Double Ten Frame Flash Cards

Numbers 11-20



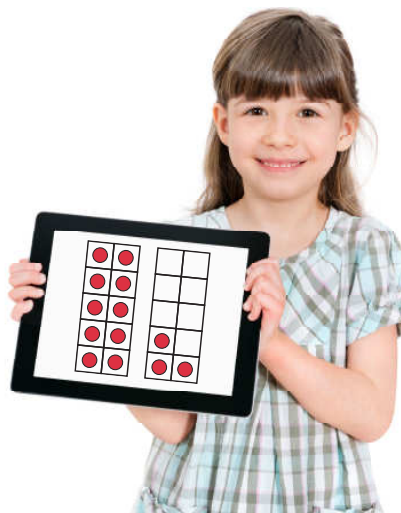
Teaching Strategies - How to Use Double Flash Cards

Flash Cards are an excellent resource for helping students to learn and instantly recognize the ten frame patterns for numbers 10 to 20.

By flashing the cards daily and asking students to call out the numbers shown or a number fact about the number displayed, students will build instant recall and instant recognition of what is represented on the card.

Teaching suggestions:

- Hold the stack of cards in one hand facing the students, and once used place each card to the back of the stack. Repeat often.
- Have students call out the number shown on the card.
- Have individual students call out the number on the card.
- Have races between students to see who can call out the number shown the fastest.
- Make teams and score points for the fastest student or team.
- Spread the cards on the floor and have students find a particular card.
- Make multiple set and have students take turns to be the teacher and test each other in pairs or small groups using flash cards.



Using Double Ten Frames

NOTE: Rotate the flash cards and use them in the vertical orientation.

Double ten frames, for the numbers 11-20, are shown using two grids of 5 x 2 rows, turned so that the long edges are vertical and the filled ten frame is on the left. This arrangement corresponds to the way we write numerical symbols 11 to 19, with the "1" digit in the tens place. Students should already know the numbers to 10 in the different arrangements before using these cards.

Preparing and using the flash cards

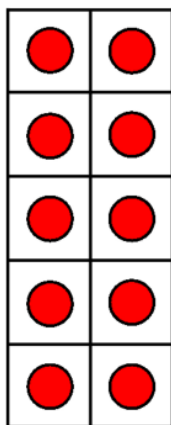
Print each page (in color if possible) and cut it in half. Each half will be used as an individual flash card.

Shuffle the flash cards and show them quickly one by one to children on a regular basis, until each child can name the number shown instantly, without counting.

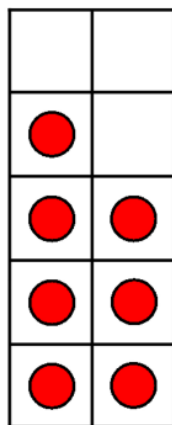
Alternative Layouts

Ten frames may be filled either starting in pairs (shown with **red counters**), or by rows, filling up the left column for the first five, then filling the second column (**purple counters**). The two layouts are shown in examples below.

Teacher discretion is recommended when choosing the layout best suited to the students. Both arrangements contain valuable information about the number so using both is the best option if at all possible.

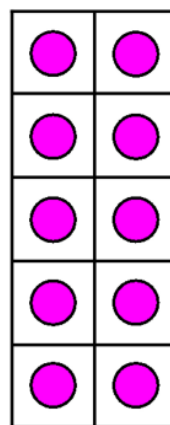


1 ten

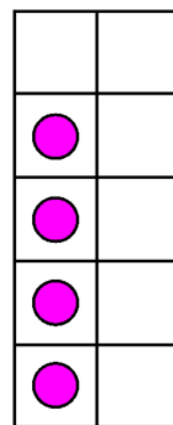


7 ones

1	7
---	---



1 ten



4 ones

1	4
---	---

The flash card for 10 shown as $10 + 0$ is included, as it can be useful to show the students that 10 is really 1 ten and 0 ones. This is important in the introduction of place value.

