## NUMBER FACT STRATEGIES

## ADDITION

- Count-on 1,2 and 0
- Doubles and near doubles
- Make ten


## SUBTRACTION

- Think addition


## TEACHING SEQUENCE

- Introduce (see page 2)
- Reinforce (see page 2)
- $\quad$ Practice (see page 4 )
- Extend (see page 4 )


## The Introduce Stage



This stage involves the use of concrete materials and pictorial representations to model the strategy.

At this first stage, ORIGO resources also include contextual situations to provide meaning.

## The Reinforce Stage



This stage provides the opportunity for the students to assimilate and internalize the strategy.

It is an additional link using pictorial models between the introductory work and the symbolic.

## REINFORCE: Count on 1 and 2

- Roll your number cubes and count on 1 or 2 .
- Find your answer below.
- Write your numbers on the number cubes. Write the number fact.

$\sim^{+} \ldots=11$

$\ldots+\ldots=5$


$$
\_^{+}+\ldots=9
$$


$\ldots+\ldots=7$

Cube A: $\quad 4, \quad 5, \quad 6, \quad 7, \quad 8, \quad 9$
Cube B: $\quad \bullet, \bullet, \bullet, \bullet \bullet, \bullet \bullet, \bullet \bullet$


REINFORCE: Double-add-1


Cube: $4,5,6,7,8,9 \quad$ (Same as previous game)


## REINFORCE: Make Ten

- Roll your number cubes and write the fact below the example in the grid that will help you figure out the answer.
- Write the answer to both facts.


Cube A: 8, 8, 8, 9, 9, 9
Cube B:
$3,4,5,5,6,7$

## DOMINO SORT

Sort these dominos according to the addition strategy you would use to calculate the total number of dots.


## CONNECT ADDITION AND SUBTRACTION

Take or Tally


