

The Secret Code

Braille

Level

2

Players

2

Duration

15
min

Tags

Numeracy
Place Value
Socialisation
Strategy

Skills

Recognise the place value
Name, read, write numbers
Make hypotheses
Ask relevant questions

More activities

The Mystery Number
Number Crescendo
The Number Machine

Crack the secret code!

With strategy, an understanding of numbers and the right questions, you are sure to crack the code.

Goals

To use a multi-step strategy to ask appropriate questions and guess a 3-digit secret number.



The adult prepares

- 2 numerical baseplates



The children play

- 1 **Player 1** writes a secret number on their numerical baseplate using 3 bricks or less.

- 2 **Player 2** guesses the number by asking relevant questions such as:
 - How many bricks have you used?
 - Is it an even number?

Facilitation tips

- Suggest the children manipulate the bricks and discuss strategy: What's the best way to remember all of your questions and then the answers? Which questions work best?
- Determine a time limit or a maximum number of questions.
- Increase the number of players: more than one player asks questions.
- Increase the number of bricks in the secret code.

- 3 - Is the figure in the tens place odd or even?
 - Does it start with a 7?
 - Is it higher or lower than 500?

Until they find the answer!