

# Pirates: adding multiples of 10

## Strand

Counting and understanding number

## Learning objective

Count on from and back to zero in multiples of 10

## Type of starter

Recall

### Whiteboard tools

- Select options to change the pirate's base or start number from 0.
- Move the pirate up and down the mast in steps of 10 to answer the maths problem or number sentence shown on screen.
- Select options to generate different types of maths problem - select from 'up only' (addition) or 'up and down' options (addition and subtraction).
- Press 'new' to move the pirate back to the starting point and to generate a new question.
- Press 'notepad' and use the pen tool to show methods of working out the answers.
- Press 'answer' to reveal the completed number sentence.

### What to do

Use this activity to encourage children to add or subtract mentally in steps of 10. Vary the base number and the type of maths problem through the options menu. Encourage the children to use their individual whiteboards so that they can work out the answers prior to any class discussion. Extend the activity beyond the initial question by asking, for example: *What happens if the pirate now moves down ten steps?* Illustrate this by dragging and dropping the pirate to the new position.

### Differentiation

**Less confident:** use photocopiable page 43 to set some questions in which the pirate starts at zero to consolidate children's understanding.

**More confident:** ask the children to explain at the whiteboard, using the on-screen notepad, how they are calculating their answers.

### Key questions

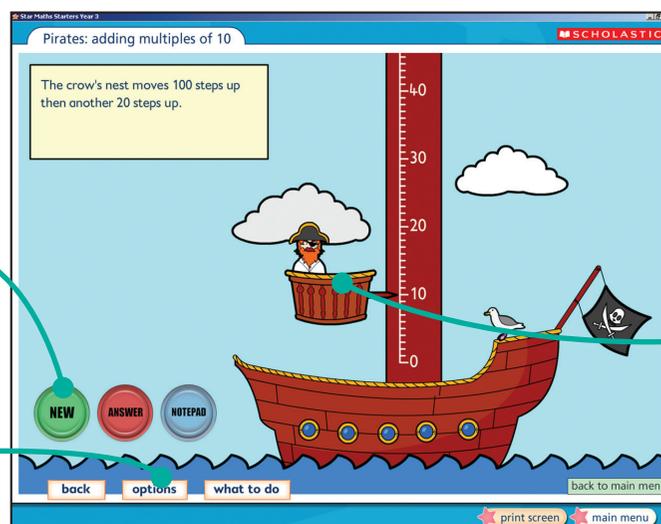
- *On which number will the pirate finish?*
- *How many places up or down would the pirate need to move in order to reach, for example, 50?*

'new'

Press to generate question

'options'

- Select 'up only' or 'up and down'
- Show or hide number sentence



pirate

Drag pirate up or down mast