

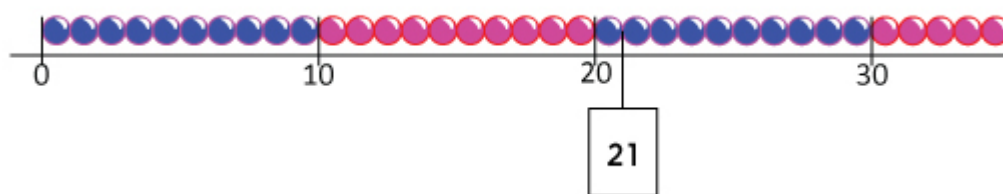
Tag, you're it!

Activity 1

Focus of activity: Locating 2-digit numbers on a beaded line.

Working together: conceptual understanding

- Show children a 100 bead bar. With children's help, hang 0, 10, 20, 30... 100 tags in the correct places.
- Write 23 on a blank tag and ask a child to hang it in the correct place. Point out that they don't need to count from the beginning of the bead bar, but can count on 3 beads after 20.
- Repeat for 54, 61, and 79 tags. Point out that to place the 79 tag, they can count back one bead from 80.
- Give each child a 0 to 100 beaded line (see child instructions). Explain that this is a picture of the bead bar with labels to show 0, 10, 20... 100 instead of tags. Write 21 on a tag and ask children to draw a tag after the 21st bead. Hang 21 on the bead bar to confirm.



- Repeat for other numbers such as 15, 35, 49, 52, 81 and 99. Make sure that children draw the tag AFTER the bead and not on the bead.

Up for a challenge?

Give each child a sheet with a 0 to 100 beaded line and 0 to 100 landmarked line (see child instructions). Explain that the beads have fallen off the second line. Ask them to draw a tag after where the 23rd bead should be. Can they imagine the 10 beads between 20 and 30 to help? They can also look at the line above to help. Repeat with some other numbers, e.g. 39, 65 and 71.

Now it's the children's turn:

- Children work in pairs to shuffle 10s and 1s place value cards, take one from each pile to make a 2-digit number and draw a tag to show this number of beads on their beaded line. Repeat. They score 10 points for each correct tag.
- Go round the group and mark their tags as they place them, e.g. initially after three examples. Are they using the 'landmarks' of 10 to help rather than counting from the beginning?

S-t-r-e-t-c-h:

If children cope well, ask them to draw tags to show 25, 42 and 59 on the beaded line on the sheet with the beaded line and landmarked line. They then fold the sheet so that the beaded line is hidden and mark the same numbers on the landmarked line. They unfold the paper to see how accurate they were.

