

Adding and Subtracting 9, 10 or 11



Objective

To add and subtract 9, 10 and 11 using mental strategies



Equipment

- Orienteering Control Markers
- Enrich School Orienteering Map
- Activity Sheet
- Clipboard (suggested)



Preparation

- Select and print Activity Sheets



Instructions

- Teacher to assign groups of 2 or 3 to their starting points.
- Pupils use the Enrich School Orienteering Map to locate their starting point and each of the control points indicated on their Activity Sheet.
- At each control point, pupils record the 3rd and 4th numbers from the control marker on their Activity Sheet. (For marker 9, children record the 1st and 2nd numbers.)
- They combine these to make a two-digit number (e.g. 4 and 9: 49)
- They then work out 'What is 9 more?' / 'What is 9 less?' (or 10, or 11 as indicated on their Activity Sheet) to the two-digit number that they have made, and record their answers on their Activity Sheet.



Other information

- Remind pupils of the teacher's location for the task.
- Pupils to complete their first 5 questions and report back to the teacher.
- After a quick check the pupils can carry on with the activity.
- There is a teacher's answer sheet available to use with this activity.

