

# Adding and Subtracting 17, 18 or 19



## Objective

To add and subtract numbers 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 number 9, pupils record the 1<sup>st</sup> and 2<sup>nd</sup> numbers.)
- They then combine the two numbers to make a two-digit number (e.g., 4 and 9: 49)
- They then add and subtract 17, 18 or 19 (as indicated on their Activity Sheet) to the two-digit number 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.
- NB – For control point 9, children use the 1<sup>st</sup> and 2<sup>nd</sup> numbers (3<sup>rd</sup> and 4<sup>th</sup> numbers are 02)

