

Physical Countdown



Objective

To use a variety of operations and calculations to make given numbers.



Equipment

- Orienteering Control Markers
- Enrich School Orienteering Map
- Worksheet
- Clipboard (suggested)



Preparation

- Select different targets according to the varying abilities of the pupils.
- Print off an Activity Sheet for each pair/group.
- Teachers can either edit Activity Sheets to include individual targets or instruct pupils to write their target in the appropriate space on their Activity Sheet.



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 individual markers.
- Pupils take note of their individual target number.
- They then visit different markers and choose up to 4 individual numbers which they use, together with any of the four operations, to reach their target number.
- For each number they use, pupils must record the control marker that they took it from.
- They must then write a sum, using the numbers that they have chosen together with $+$, $-$, \times , \div , $()$ and $=$ signs (as appropriate), which enables them to reach their target number.



Other information

- There is a sample sheet with examples of targets to accompany this activity.

