

Make the Biggest Number - Orienteering Challenge



Objective

To secure knowledge of addition and subtraction number facts.



Equipment

- Orienteering Control Markers
- Enrich School Orienteering Map
- Activity Sheet
- Marker picture sheet



Preparation

- Children could do this activity in pairs.
- Print an Activity Sheet for each pair.
- Provide each pair with an Enrich School Orienteering Map. Make sure they know the starting point for the activity.
- Revisit the locations of the control points with the children. If there are any areas of the school site or individual control points which are not to be included in this activity, indicate where they are on children's orienteering maps.
- Make sure that children know how to record the control points that they visit and the first, second, third and fourth numbers from the orienteering markers.
- Teachers may decide to place a time limit on the activity. This could be differentiated for different groups.



Instructions

- Children use their Enrich School Orienteering Map to locate orienteering control points. They can choose any orienteering control points within the area indicated by the teacher.
- They need to select control points where they can use numbers from the marker which will enable them to create the biggest number possible by the end of the activity (within the time allowed). They will therefore probably need to visit more than four control points to complete the four elements of the challenge.
- When they select a control point for one of the challenges, children record the number of the control point on their Activity Sheet. (The number for each control point is shown on their Enrich School Orienteering Map.)
- Alternatively, they can record the name of the animal that is pictured on the control marker. (The name of the animal is shown to the left of the picture on each marker.)
- They then have to select numbers from the control marker and use them to complete the sum on their Activity Sheet.
- When they have done this for all four challenges on their Activity Sheet and reached a final number (the biggest possible), they run back to the starting point.



Other information

- When pairs of children return to the starting point, two pairs can check each other's Activity Sheets using the Marker Picture Sheet, which shows each marker with their numbers.
- When all children have completed the activity, teachers could compare groups' answer sheets to see which group got the biggest number.

