



Curriculum Outdoors

Curricular Area: Numeracy and Mathematics



E&O: I can use addition, subtraction, multiplication and division when solving problems, making best use of the mental strategies and written skills I have developed.

MNU 1-03a

Learning Outcome: To share objects into equal groups
To share objects equally

Resources Needed

Natural Materials
Hoops/chalk/rope
Division challenge cards

Activity

Introduce and revise the concept of division by playing the Busy Bee game – pupils run around the playground and you shout a number. Pupils get into groups of that size. Use this as an opportunity to discuss remainders and equal groups etc. You could also ask pupils to work out how many equal groups there could be if they divide the number of pupils that there are.

Pupils then work in pairs or threes and gather a selection of natural materials. There are two options for activities:

1. Pupils count out the number of materials they have and share them into equal groups.

2. Create some challenge cards – laminate a sheet of A4 paper and cut into quarters. Write challenges focused on grouping and sharing on these using marker pens (this means they can be easily changed and reused), for example:

“Gather 10 natural objects, how many equal groups of 2 can you make?”

“Gather 10 natural objects, share them into 5 equal sized groups, how many are in each group?”

Assessment

- Observation of pupils
- Listening to pupil conversations
- Photographs of examples of grouping and sharing or calculations created
- Create an assessment grid: can group, can share etc.



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Curriculum Outdoors Attainment Challenge

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