

4

OUTDOOR NUMERACY ACTIVITIES



COUNTING THE PENNIES 1st/2nd

Having determined which calculations are needed, I can solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others. MNU 2-03a

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

This is another task which can either be simplified or up-levelled depending on your pupil's ability and stage. Set out hoops in an array, below is purely an example, and inside the hoops label different money values. In teams of 5/6 pupils they then throw bean bags and have to mentally add their total as they go. The team with the highest value each round gets a point. You can add real challenge into this by having targets with bonuses such as double, triple or even x10 or 100. You could also add more fun by having targets which take money off, go back to zero etc. This is a very open ended activity and could have as many targets or as much challenge as you require for your pupils.

Pupils

1. Get pupils into groups of 4-6 (Or what ever suits your class, smaller groups could have more than one throw each per turn or bigger groups could do the same to add challenge)
2. Groups throw bean bags and have to mentally add their totals
3. After each group has gone the group with the biggest total wins a point
4. Repeat for as many rounds as suits time and desired outcome

Modifications

Shapes: Label the targets with the names of shapes, pupils score by adding the number of sides of the shapes they land on, you could also do it with 3d shapes and do faces

Equivalence: Label the targets with fractions, this one may need some white boards so the team can do working out to add different fractions then simplify

Decimals: Label targets with an assortment of decimal numbers such as 1.3, 23.5 etc, the bonus targets could be x or / by 10/100

