

Outdoor Learning Lesson Plan by Nature Play QLD

Numbers and Algebra – Money and Financial Mathematics

- Solve problems involving purchases and the calculation of change to the nearest five cents, with and without digital technologies (ACMNA078)
- Investigate and use the properties of odd and even numbers (ACMNA072)



Class:

Date:

Time:

Weather:

Resources:

- Clipboards, paper and pencils (1 per group for introduction)
- Natural objects to find and 'sell'
- Card and pens
- \$5 per group of change containing \$1, 50 cents, 20 cents, 10 cents and 5 cents.

Introduction: (10 mins)

Begin with the following or similar word problem. Ask children in groups to try to solve the problem using any natural resources they can find to help test their strategies.

3 possums share 25 mangoes between them. Each possum has a different odd number of mangoes. How many could each have? How many different answers can you find?

Main Activity: (50 mins)

In groups of 4 or 5, ask the children to create their own nature market stall and explain that they are in charge of stocking their stall with natural found materials (to 'sell'). Let each group give their shop a suitable name. They must then price each item and create matching price tags for their stock.

Each group must find and label their stock to a total of \$5.

Each item price must end in \$0.05. For example: Seedpod \$1.25, Log \$0.85, Rock \$2.15, Bark \$0.75.

Give each group \$5 in change to spend at the other groups' stalls, taking it in turns to run their stalls giving the correct change and to go and buy from others.