

Cutting Food Into Equal Parts

Elaboration 1 · Halving, then halving again

ELABORATION FOCUS

Cutting food such as pizza, cake or sandwiches into equal parts by halving, then halving again to make quarters and eighths.

LEARNING INTENTION I can halve again and again to make equal parts.

Cut it

Halve it

Halve again

Check equal

Name it

1

Cut It in Half

Step 1: cut the food into 2 equal parts. Step 2: match the parts to check.

2

Halve Each Half

Step 3: cut each half in half again. Step 4: you now have 4 equal quarters.

3

Halve Once More

Step 5: halve each quarter again. Step 6: you now have 8 equal eighths.

MODEL · ONE SANDWICH CUT THREE TIMES

Each cut halves every piece, so the number of pieces doubles.



Cut once · 2 halves

Each cut halves every piece



Cut twice · 4 quarters



Cut three times · 8 eighths

Cut once for 2 halves, twice for 4 quarters, three times for 8 eighths.

TEACHER MODELLING ROUTINE

I do → We do → You do

WATCH FOR

Cutting one piece bigger than the rest. Match the pieces edge to edge to check.

REMEMBER

Say it to students as: "Cut it in half, then cut the halves in half."

MATERIALS

Play dough, paper pizzas, sandwiches, fruit, plastic knives, plates.