# Multiplication and Division: The Multiplying Machine 

Aim:
Calculate mathematical statements for
multiplication and division within the
multiplication tables and write them using the
multiplication $(\times)$, division $(\div)$ and equals $(=)$
signs.
I can calculate mathematical statements for
the 2,5 and 10 times tables.

Aim:
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division ( $\div$ ) and equals (=) signs. the 2, 5 and 10 times tables.

## Success Criteria: <br> Resources:

I can multiply by 2,5 and 10 .
I can write a repeated addition sentence.
I can use the $\times$ and = symbols.

## Key/New Words:

Multiply, lots of, multiplication, multiplication facts, equal groups, multiple, repeated addition, times, array.

Lesson Pack

## Preparation:

Differentiated Matilda's Multiplication
Activity Sheet - 1 per child

Prior Learning: It will be helpful if children are familiar with arrays and have some experience of multiplication.

## Learning Sequence

Bingo! Children write down six numbers on their whiteboard that are multiples of two, five or ten. The teacher calls
out a multiplication sentence and if a child has the answer to that sentence, they cross it off. The game is followed
by some reasoning activities.

## Masterit

Writeit: Use one of the following resources
for children to generate number sentences from the arrays, pictures or puzzles.
Matildait: Can the children make a model of Matilda and use it as a fun way of practising number sentences to put in? Their partner can then write the answer.
Exploreit: The class could explore which numbers coming out of Matilda can generate the most multiplication sentences.
Throwit: Throw bean bags into hoops and award 2,5 or 10 points for each of the bags that land inside. Can the children work out their total score? Can they write a multiplication or repeated addition sentence for their score?

