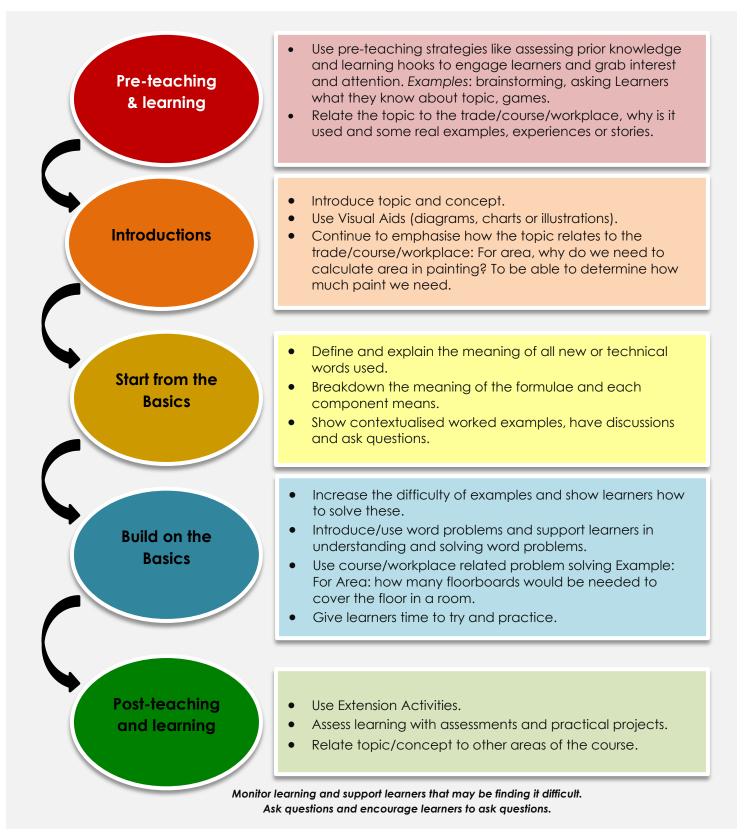
## Short guide 10: Simple strategies to embed numeracy

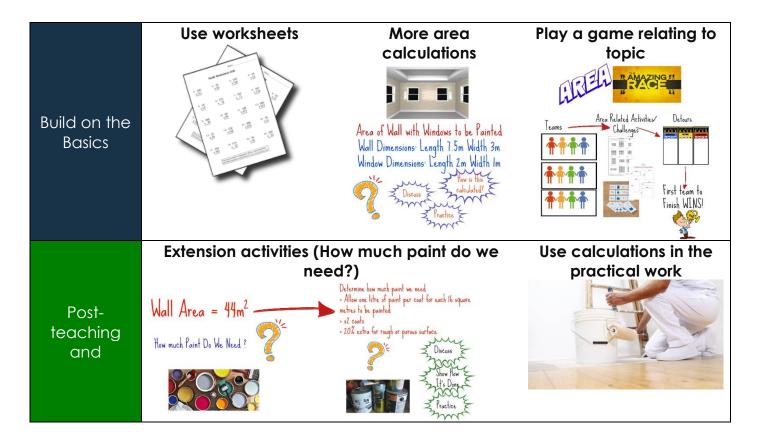
## What are you doing already?

Every time you teach learners how to use formulas, give learners resources to supplement their coursework you are helping your learners to build numeracy skills for the course, workplace and life. In this short guide you will find activities that you could use to further support your learners.



## An example – A teaching plan for area

Pre- teaching & learning	Tell learners and write down learning outcomes Calculate the area of rectangular surface (e.g. wall, floor, door) Calculate area of wall to determine how much paint or wall paper needed.	Brainstorm square with in a shape inside of a AREA cont, n hape length x width	Relate to the trade
Introduction	Introduce and defin What is Area? Area is the: • is the size of a surface • measure of a flat (two-dimensional) su space covered by an object, such as wall floorboards or plasterboard	around 1	arners area in examples them (door, wall, table)
Start from the Basics	Understanding area sing square units Area is measured in square units. For example, we can use mm, re the can use mm, re the can use the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm. The construction of the rectangle is 400mm s 300 mm s 300 mm.	Calculating area of rectangles and squares We can find the area of a rectangle by multiplying the length and the width of the rectangle together. length, <i>l</i> width, $w$ Area of a rectangle = length × width = $lw$	Show contextualised worked examples Find area of a wall Dimensions: Length 1.5m Width 3m Area = Length x Width Area of Wall = 1.5m x 3m Area = 22.5m <sup>2</sup> Remind students • of the unit of measure • the square units symbol



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