



Number Pattern

Investigation

Phase: Intermediate

(Gr 4-6) & up

Number of Learners: Individual work

Purpose:

- Learners learn the relationship between different multiplication tables.
- Learners explore what arrays are and how they can be useful for multiplication.

Materials Needed:

- 3 Worksheet Grids
- (Print Worksheet grids or make your own with a piece of paper, pen or pencil).

How to play:

- Learner to work on the **Grid** worksheet.
- Learners to **skip count** and complete the grids in such a way as to see the relationships between different multiplication tables.
- **Follow the instructions on the Grid worksheet.**
- Ask the learners the following questions :
 - What do you notice about the blocks that you have coloured in?
 - Do they make a patterns on the grid?
 - What about the blocks with a X?
 - Do they make a pattern on the grid?
 - Is there a connection between the two patterns?
 - Can you think of a reason this might be?

DON'T FORGET TO HAVE FUN