

Logic Grid Puzzle

Name: _____

Four Saturday workshops, four students, four start times. Use the clues to fill the grid and work out who is where.

	Student				Workshop			
	Ava	Ben	Clara	Dev	Pottery	Sketching	Baking	Guitar
9 am								
10 am								
11 am								
12 pm								
Pottery								
Sketching								
Baking								
Guitar								

Clues

- Dev does not take the pottery workshop.
- The baking workshop starts one hour before the sketching workshop.
- The pottery workshop starts before the sketching workshop.
- Clara does not take the pottery workshop.
- Dev's workshop starts before Ben's workshop.
- Ben is not in the 11 am workshop.
- Dev's workshop starts one hour before the baking workshop.

Logic Grid Puzzle

SOLUTION

	Student				Workshop			
	Ava	Ben	Clara	Dev	Pottery	Sketching	Baking	Guitar
9 am	○	X	X	X	○	X	X	X
10 am	X	X	X	○	X	X	X	○
11 am	X	X	○	X	X	X	○	X
12 pm	X	○	X	X	X	○	X	X
Pottery	○	X	X	X				
Sketching	X	○	X	X				
Baking	X	X	○	X				
Guitar	X	X	X	○				

The answer

Start time	Student	Workshop
9 am	Ava	Pottery
10 am	Dev	Guitar
11 am	Clara	Baking
12 pm	Ben	Sketching

Work the clues one at a time. Put an X in a square when a pair is ruled out and a tick when a pair is certain, then fill in the rest of that row and column with crosses: every student matches exactly one item in each of the other categories, so one tick rules out every other square in its row and in its column inside that block. Keep cycling through the clues - each new mark usually unlocks another one. Every clue on this page is needed, and together they settle the whole table with no guessing.