Correct. Solve for y: $4y \geq 12x - 4$, so $y \geq 3x - 1$. Find two points on $y = 3x - 1$. Plot the points and graph using a solid line, because the inequality sign is $\geq$. Test an ordered pair on either side of the boundary line.

For $(0, 0)$: $0 \geq 3(0) - 1$ or $0 \geq -1$ TRUE

For $(1, -1)$: $-1 \geq 3(1) - 1$ or $-1 \geq 2$ FALSE

The region that includes $(0, 0)$ should be shaded.