

Cost To Cook Case Study 4



What Is The Cheapest Way to Cook A Chicken?

Below is a pricing grid to help everyone understand the cost of cooking. These figures are based on an average appliance found within UK households and the costs are accurate as of January 2023.

Appliance	Cost In Pence VS Minutes Used			
	10 Minutes	30 Minutes	60 Minutes	90 Minutes
Air Fryer Electric	11	33	66	99
Electric Hob	9	27	54	81
Microwave	5	15	30	45
Electric Oven	12	36	72	108
Slow Cooker	1	3	6	9
Electric Toaster	7	21	42	63
Gas Hob	1.5	4.5	9	13.5
Gas Oven	2.5	7.5	15	22.5

To work out how much it costs for other times the sum below will help

$$(10 \text{ minute cost} / 10) \times \text{Number of minutes cooking time}$$

You have decided to cook a whole chicken for your household to enjoy. The chicken is of average size weighing about 1.2Kg. You have recently seen a video online showing a chicken being cooked in a Slow Cooker and thought you would try this method of cooking, but what appliance would be the cheapest to use?

In the Slow Cooker the medium chicken will take 4 hours to cook.

Cost to Cook in a Slow Cooker is 24 Pence

In an Electric Oven you would need to pre-heat the oven for 10 minutes and the chicken would take 1.5 hours to cook.

Cost to Cook in an Electric Oven is 120 Pence

In a Gas Oven you would need to pre-heat the oven for 10 minutes and the chicken would take 1.5 hours to cook.

Cost to Cook in a Gas Oven is 25 Pence

If using an Air Fryer, you would need to pre-heat the Air Fryer for 3 minutes and then cook the chicken for a further 55 minutes.

Cost to Cook in an Air Fryer is 63.8 Pence

The lowest Cost to Cook is Slow Cooker The highest Cost to Cook is Electric Oven