

## **Maths Problem of the Week**

Imagine a gigantic staircase with one hundred steps. There is one dove sitting on the first step, two on the next step, three on the next, and so on until the hundredth step, where one hundred doves are sitting. How many doves are on the staircase?



Alcuin of York was 9<sup>th</sup> Century teacher and he wrote a book about mathematics. It was called Propositiones ad acuendos juvenes. In English, this means 'Problems to sharpen the young'. It contains mathematical problems for young people to solve. Can you solve it? Will it sharpen your mind? None of them are trick questions; you need to use some simple mathematical techniques to solve them.