



St George's College

WEYBRIDGE

## Maths Quest: Spring Puzzle Number 2

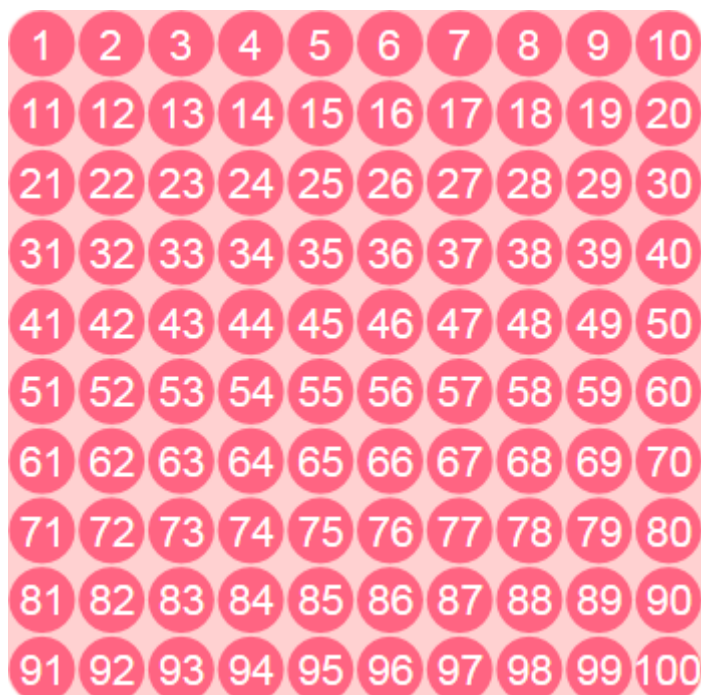
Please e-mail Mr Hudson with your solutions by **Friday 20 April** and don't forget to include your name and your school's name.

This is a game for two players.

The first player chooses a positive even number that is less than 50, and crosses it out on the grid.

The second player chooses a number to cross out. The number must be a factor or multiple of the first number.

Players continue to take it in turns to cross out numbers, at each stage choosing a number that is a factor or multiple of the number just crossed out by the other player.



Is there a strategy for winning? If so, can you explain?

[ajhudson@stgeorgesweybridge.com](mailto:ajhudson@stgeorgesweybridge.com)

All correct entries will be displayed on the St George's Weybridge website.