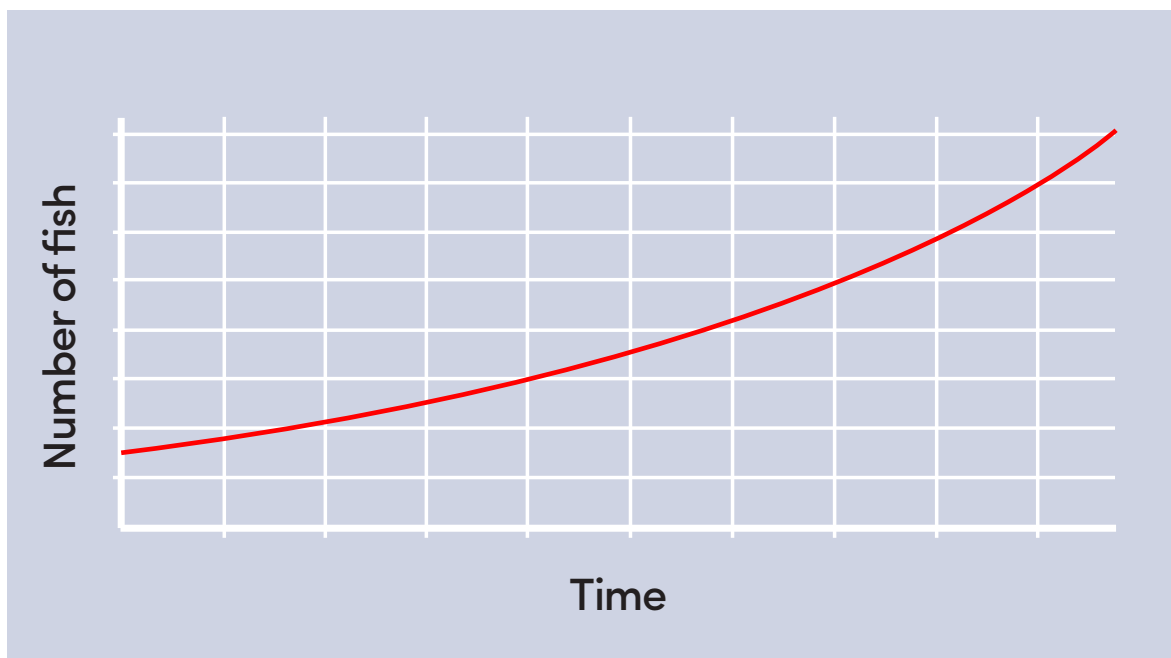


# Core Maths with Biology and Environmental Science



Advanced Mathematics Support Programme®

A large lake has a population of a particular species of fish. A chemical spill kills 90% of the fish in the lake. After cleaning up the lake, the number of fish will double every 9 years.



**How long will it take for the fish population to recover to the numbers before the chemical spill?**



## Biology and Environmental Science use maths skills

### What is Core Maths?

Core Maths is a group of qualifications, designed for students who have passed GCSE Mathematics at grade 4 or above, but who have not chosen to study AS or A level Mathematics. These qualifications are equal in size to an AS level qualification and attract the same UCAS points as an AS.

Core Maths is about using maths to solve the kinds of real-life problems you'll meet when studying other subjects and in work and life. You'll learn some new topics, but it also uses some of the maths you already know from GCSE.

### Why should I take Core Maths?

Studying Core Maths helps you develop skills that will support the quantitative aspects of courses like **AS/A level Biology or Environmental Science**, such as selecting appropriate statistical techniques, interpreting and exploring data, using diagrams and calculations.

For more information on your options for studying maths beyond GCSE, visit [amspp.org.uk/students/gcse/what-next](https://www.amspp.org.uk/students/gcse/what-next)