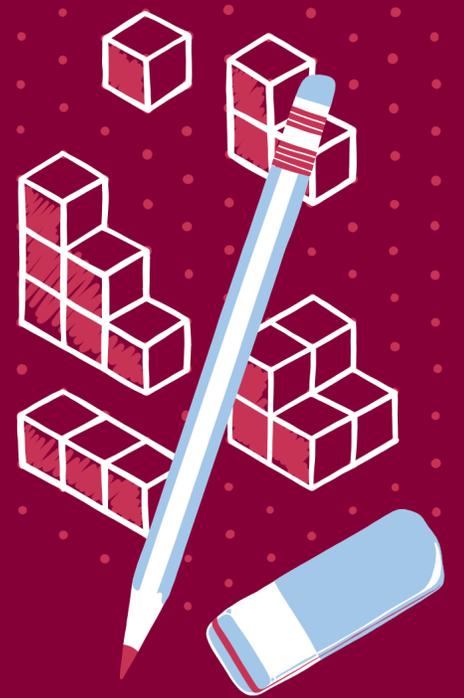


# 5 WORK SKILLS MATHS WILL GIVE YOU



## DATA ANALYSIS



**In class:** You'll use diagrams, graphs, tables and charts to explore datasets and look for trends or outliers within that data.

**At work:** Data analysis enables us to identify trends in fields such as medical research, climate science and meteorology, commerce and science.

**Career paths:** Epidemiologist, marine biologist, market analyst

## NUMERACY



**In class:** In class you will develop numeracy through the study of statistics and by working with numbers within maths problems.

**At work:** Whether you are a financial trader or an accountant, a receptionist or a nursery nurse, confidence with numbers is a sought-after skill.

**Career paths:** Plumber, retail buyer, tree surgeon

## PRESENTATION



**In class:** You'll learn to explain your calculations and observations clearly in simple language, presenting ideas, numbers, equations and diagrams.

**At work:** Presenting complex information in an easy-to-understand way is useful in almost every field, from consultancy and science to sales and marketing.

**Career paths:** Business consultant, management accountant

## PROBLEM SOLVING



**In class:** Central to maths is the process of working through problems in a logical way, using the problem-solving toolkit the study of maths provides.

**At work:** Many roles require systematic problem solving using tried and tested methods while others benefit from creative thinking.

**Career paths:** Artist, civil engineer, software tester

## STATISTICAL SAMPLING

**In class:** You'll learn how to use sampling techniques to collect and analyse data and how to present statistics in different visual forms.

**At work:** Statistics inform commercial decisions as well as social and economic policy and enable us to accurately analyse scientific findings.

**Career paths:** Civil servant, climate scientist, economist

