

Science in simple
terms

EXPLORA VOCABULARY



RIO TINTO

A RIVER IN SPAIN WITH ACIDIC WATERS AND HIGH METAL CONTENT. IT'S ONE OF EXPLORA'S KEY STUDY SITES BECAUSE IT HOSTS UNIQUE MICROBES THAT THRIVE IN EXTREME ENVIRONMENTS.



PSYCHROPHILIC

MICROBES THAT LOVE THE COLD!
“PSYCHRO” MEANS COLD-LOVING. THESE
ORGANISMS SURVIVE IN FREEZING PLACES
LIKE ANTARCTICA.



METAGENOMICS

A METHOD TO STUDY ALL DNA IN AN
ENVIRONMENT (LIKE SOIL OR WATER)
WITHOUT NEEDING TO GROW MICROBES IN
A LAB.



BIOPROSPECTING PIPELINE

A STEP-BY-STEP PROCESS TO FIND AND TEST
NATURAL MOLECULES FROM LIVING
ORGANISMS FOR POTENTIAL USE IN
INDUSTRY.



NAGOYA PROTOCOL

**AN INTERNATIONAL AGREEMENT THAT
ENSURES FAIR SHARING OF BENEFITS FROM
USING GENETIC RESOURCES.**



*Curious to learn
more?*

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