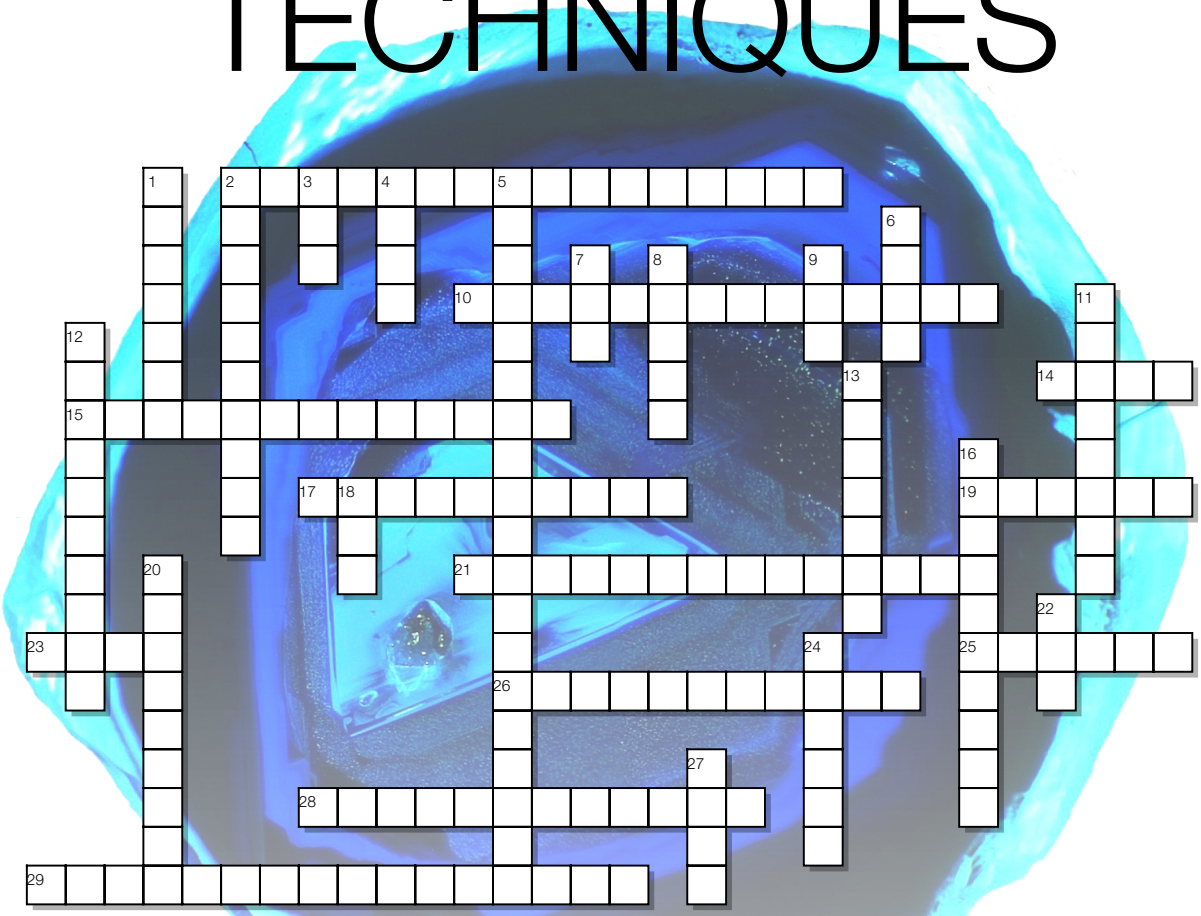
TECHNIQUES



ACROSS

2 Split them up by m and z (4,12)
10 Separate dissolved elements like colours
14 Traditional stable isotope analyses
15 Making craters with light (5,8)
17 Munches up rocks (3,7)
19 Measures major elements in a plasma (3-3)
21 To get data for your phase diagrams (6-8)
23 To kiss with a B
25 A sea creature
26 Beamline
28 Pressure by precious minerals (7-5)
29 Observe phase changes in trapped fluids

DOWN

1 Determines isotope ratios of ions produced at 8000 K (2-5)
2 Miniature coring
3 Use electrons to image
4 Also a video game
5 Makes your minerals glow
6 In situ electrons to determine composition
7 How long do ions fly?
8 To determine valence and coordination
9 Determines crystallographic structure
11 Pressurised dissolution (4-4)
12 Experiments for lower mantle conditions (5-5)
13 Alive and …
16 Magnify your sample
18 Highest kE mass spectrometer
20 Gamma rays to determine oxygen fugacity
22 Excites sample with röntgen
24 … Ferdinand magnet
27 Multiple Burtons