



**Cryptic**

- Across**
- 8 Down Chemical engineer and Nobel laureate ran land forces on arrangement (7, 6)
  - Without cake, ragamuffin turns to jelly! (4)
  - Letters about endlessly aiding the country (5)
  - Is Romania upsetting Anatolia? (4, 5)
  - Beginning redesigning Ruhr Zoo top exhibit (4, 4)
  - Skipping second lunch, buy more scrambled egg (6)
  - Also came around to location of fossil fuel (4, 4)
  - Free to relax (6)
  - Go round Manx reactor (6)
  - Oddly scatty ideas about enzyme (8)
  - Ordered endlessly sterile measures (6)
  - See 26 Across
  - I will even turn phobia into a love of nature (9)
  - A drag returning to the Italian lake (5)
  - 1 Down, 20 Across With zero effort, Timothy upsets German biochemist (4, 5, 8)
  - 27, 5 Down Privacy I could not even arrange in this compound (7, 4)

- Down**
- See 26 Across
  - Physicist dares strongman to change (6, 8)
  - First Honda cars developed a racket (5)
  - Paula's extremely soft about lab kit (8)
  - See 27 Across
  - Maybe Mama rents munitions (9)
  - Nuclear physicist raved about his anorak (6, 8)
  - See 1 Across
  - Cat honest about the bird? (9)
  - I dream about heartless flop creating hazard down the coal mine (8)
  - I mixed album in the city (6)
  - Surprisingly regal composer (5)
  - Old money found in beef ranch (5)
  - Dalton a little high? (4)

**Quick**

- Across**
- Undeciphered Minoan writing system (6, 1)
  - 9 Across Crystallographer known for their work on hydrogen bonding (4, 5)
  - See 5 Across
  - Tungsten ore named after 27 Across (9)
  - See 18 Across
  - North Atlantic islands of Portugal (6)
  - German polymath who conceived differential and integral calculus around the same time as Isaac Newton (8)
  - Spiked frozen water (6)
  - \_\_\_\_\_ Nightsade, source of atropine and other toxins (6)
  - 11 Across Crucible support for use while heating (eg with a Bunsen burner) (8, 8)
  - \_\_\_\_\_ Jar, an old form of capacitor or condenser (6)
  - Elevation (8)
  - Not belonging to anybody (9)
  - Pictures or symbols used on computer screens to represent commands (5)
  - Birthplace (then called Kristiania) of chemist Odd Hassel (4)
  - Swedish-German chemist who made several discoveries for which others were given the credit (7)

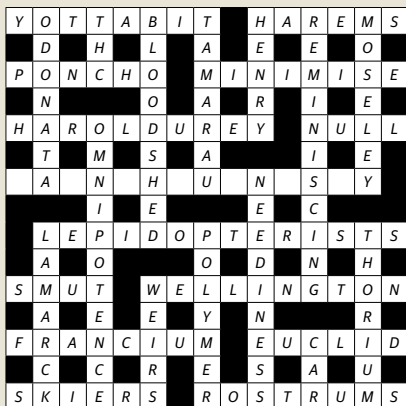
- Down**
- Hungarian composer and pianist (5)
  - Aerobic processes that fix an important nutrient in soil (14)
  - $C_{19}H_{14}O_3$ , pH indicator and dye intermediate (5)
  - 23 Down  $-273.15^\circ C$  (8, 4)
  - 17 Down English chemist, physicist and meteorologist (4, 6)
  - German philosopher and author of *Thus Spoke Zarathustra* (9)
  - Guncotton (14)
  - Supposed creature that lurks in the waters of a Scottish loch (6)
  - Legal term (abbrev) for abandonment of a suit (5, 4)
  - Treatment for patients with kidney failure, also a biochemical technique for separating substances in solution (8)
  - See 5 Down
  - Original nationality of Robert Boyle (5)
  - Follow (5)
  - See 4 Down

**September 2020 solutions and winners**

**Cryptic crossword**



**Quick crossword**



**Wordoku**

The chemical element was NEPTUNIUM

**Science scramble**

- Sat
- Hats
- Chats
- Starch
- Charters
- Characters
- Wallace Carothers

We apologise for errors affecting 16 Across (cryptic) and 14 Across (quick) in last month's crosswords. Hopefully these didn't throw you off too much!

**September winners**

**Science scramble**  
Cathal Connolly  
Fuerty, Ireland

**Wordoku**

Christopher McMahon  
Little Chesterford, UK

**Cryptic crossword**

Tony Lees  
Cockermouth, UK

**Quick crossword**

Aldo Guiducci  
Woodcote, UK

Scenario and solution provided by CLEARSS

The heat should be turned off and the fume cupboard sash closed while the apparatus cools. Heating a sealed system can cause pressure to build up, creating a potentially explosive hazard. A bung should never be placed in the top of this type of reflux apparatus.

**On the spot**

**Answer to On the spot**

