

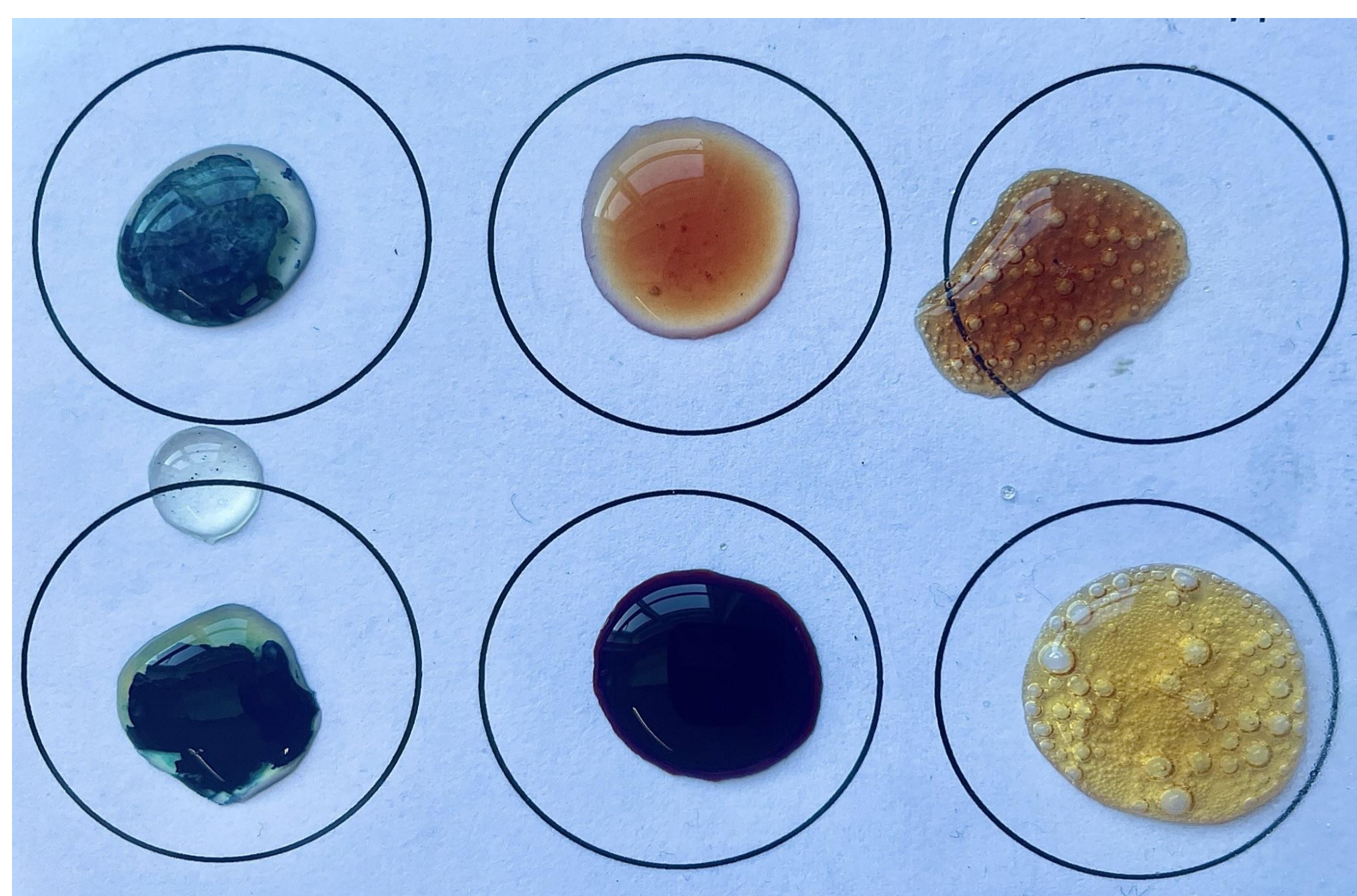
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## Borderless microchemistry

### A guide for effective, resource conscious strategies

'Borderless microchemistry' is an educational research project, aimed to determine **why some countries perform better than others** in the **PISA tests**. Our main goal is to find out if there is a **'recipe for success'**, comparing the educational systems of one of the top-scorers (the UK) and one of the countries near the bottom of the list - Bulgaria. The experiment measured the **transferrable skills** of students in both countries and also took into account their **motivation**.



**It's really simple!** Students fill in questionnaires to determine their motivation and to self-evaluate. Then, they conduct a series of investigations to order samples of different metals by their reactivity.

We chose to go micro- because it is **cheap, safe, environmentally friendly, and quick to set up and clean up.**

As the project progresses past the testing phase in schools across Bulgaria and the UK, including teachers and students from other countries will add a layer of richness to this research and help us determine if there is a universal recipe that we – the educators – can utilise to support better our students towards reaching higher goals and performing to the best of their abilities.

**Want to find out more or participate?**

**Scan the QR code or visit:**

[www.microchemistry.eu](http://www.microchemistry.eu)

