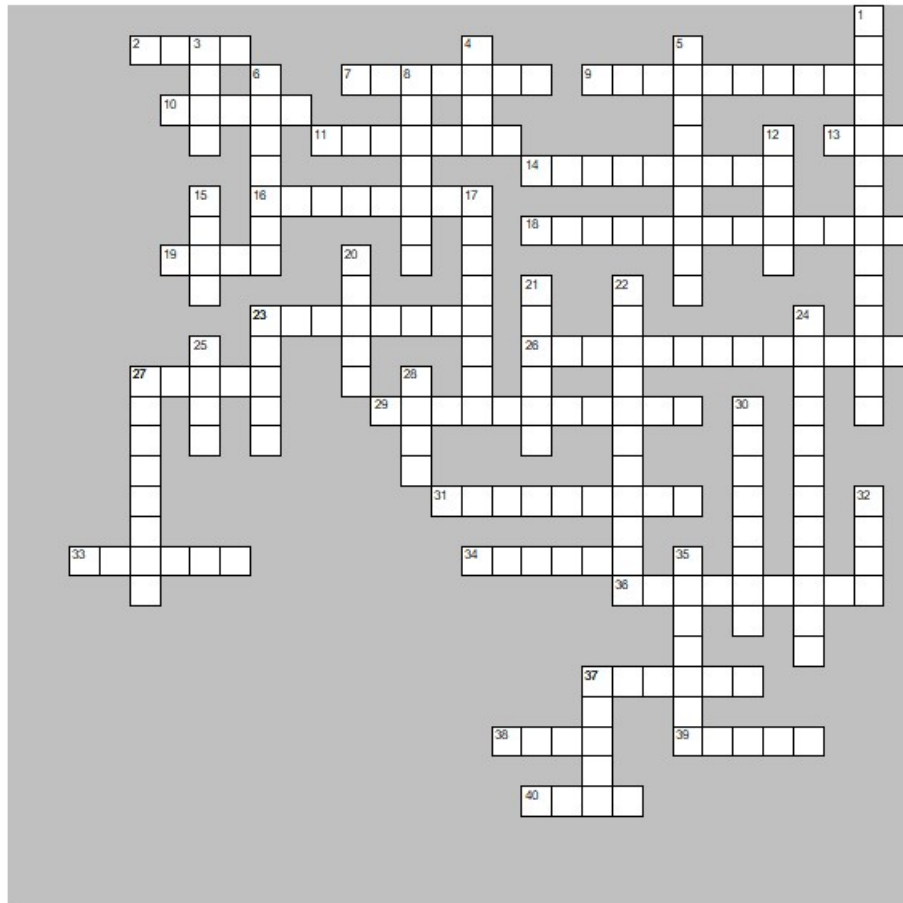


Fluxed



Down

1. category of glaze ingredients that make glaze thick to keep it on the object while molten (2 words) R2O3 format
3. small building blocks of an element
4. where you fire completed ceramic work
5. Alkaline flux, makes glossy glazes that are easily abraded or attacked by acids
6. common deflocculant (2 words)
8. Alkaline flux that creates crystalline surfaces and increases glaze fluidity
12. color of lead + iron
15. man-made low-fire range fluxes of materials melted into a glass and powdered
17. term for property where 2 particular materials in specific proportions melt lower together than either alone
20. category of glaze ingredients that forms the main property of glaze- <term> formers, RO2 format
21. Alkaline flux, makes glossy glaze that are easily abraded or attacked by acids
22. what lead does at cone 6
23. what high amounts of zinc will do to glaze surface
24. term for making clay forms w/o mechanized tools
25. toxic metallic flux, great color response, makes soft glazes easily attacked by acids or abrasion
27. what lead does in reduction
28. category of glaze components that helps things melt
30. term for making clay forms on the potters' wheel
32. color of lead + manganese
35. term for cracks caused by glaze shrinking more than the body in cooling
37. color of zinc + chrome

Across

2. Pb is the symbol for what element?
7. alkaline earth flux, non-toxic, makes hard glazes, not good for copper reds, often forms eutectics in small amounts, mattes in excess
9. common flocculant (2 words)
10. material that acts as both a flux and viscosity agent, thickens melted glaze, may cause opalescence, may leach slip
11. single-source material for calcium in glazes
13. fluxes with this kind of expansion create shivering in glazes in excess
14. alkaline earth flux that is good for making buttery mattes, pastels colors
16. group of fluxes active at low temps, makes mechanically soft glazes
18. group of fluxes active at high temperatures, makes durable glazes
19. fluxes with this kind of expansion create crazing in excess
23. group of fluxes, one active low, one at mid-range
26. condition where clay particles have a negative charge, line up parallel and repel each other, liquid with less water, good for brushing, casting, may
27. brand of the yellow potters' wheels
29. condition where clay particles stick together in an open lattice - house of cards - good for dipping
31. term for glaze popping off because the glaze shrank less than the body in cooling
33. color of cobalt + magnesium
34. color of lead + chrome
36. non-toxic Alkaline earth flux that is substituted for a toxic alkaline flux, similar robin's-egg blue w copper, mattes
37. toxic alkaline earth flux - may leach from glazes, mattes glaze surface, makes robin's-egg blues with copper
38. Shorthand for any combination of sodium and potassium oxides
39. transparent color of lead + copper
40. metallic flux active at mid-range. Volitalizes at cone 10